

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
 Data File : BM042696.D
 Acq On : 10 Nov 2023 17:58
 Operator : MA/JU
 Sample : 05292-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 10 23:08:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

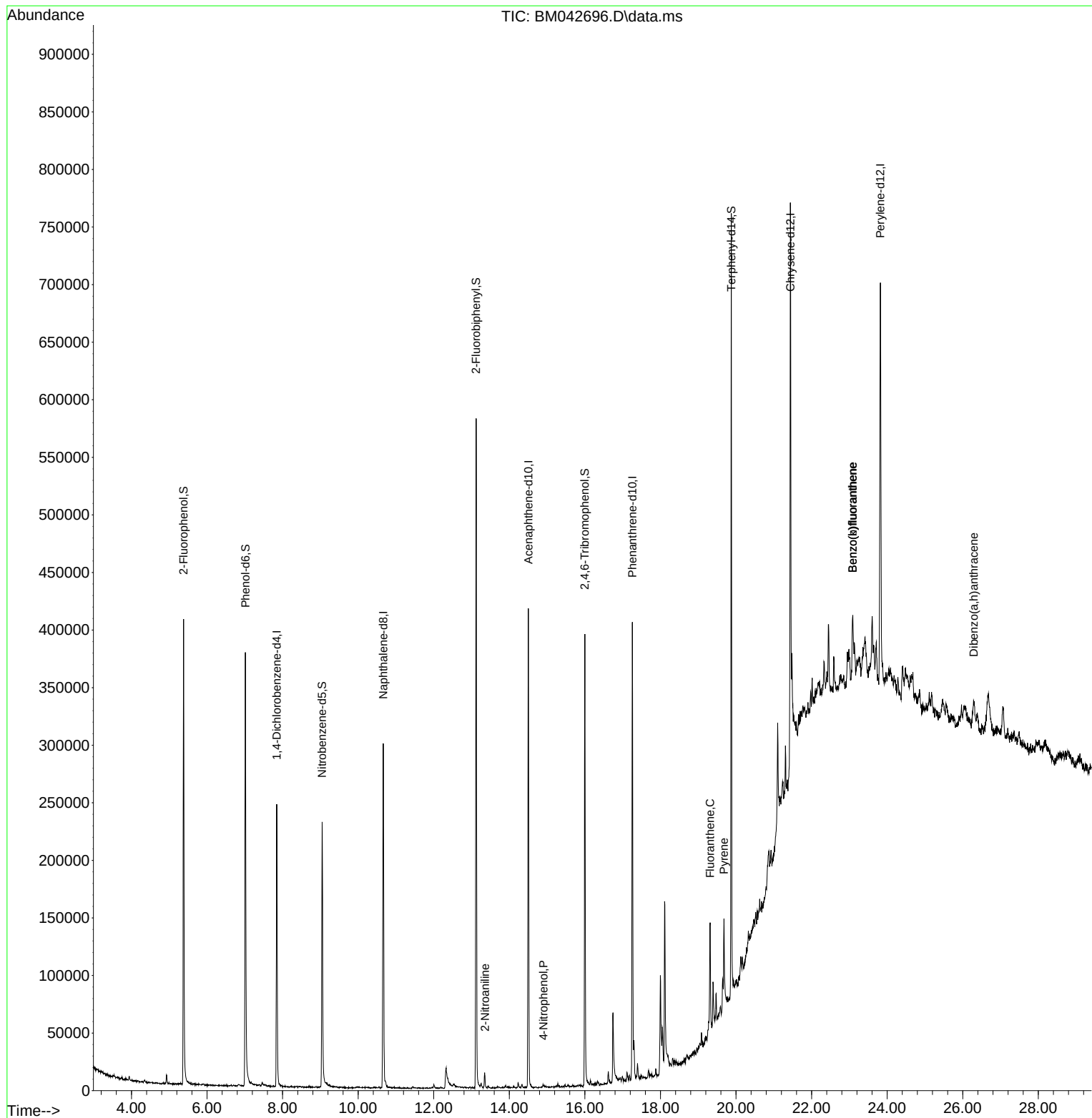
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	57226	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	219683	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	126493	20.000	ng	0.00
64) Phenanthrene-d10	17.256	188	229094	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	227008	20.000	ng	0.00
86) Perylene-d12	23.821	264	273598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	144790	40.833	ng	0.00
7) Phenol-d6	7.016	99	180643	37.146	ng	0.00
23) Nitrobenzene-d5	9.045	82	134112	28.458	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	64293	38.931	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	272470	28.985	ng	0.00
79) Terphenyl-d14	19.874	244	294621	22.006	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.357	65	68	4.372	ng	# 13
56) 4-Nitrophenol	14.904	139	56	6.982	ng	# 1
75) Fluoranthene	19.315	202	49451	3.516	ng	97
78) Pyrene	19.680	202	45197	2.900	ng	97
88) Benzo(b)fluoranthene	23.085	252	53794	3.529	ng	# 95
89) Benzo(k)fluoranthene	23.085	252	53794	3.167	ng	96
91) Dibenzo(a,h)anthracene	26.291	278	6451	4.530	ng	# 50

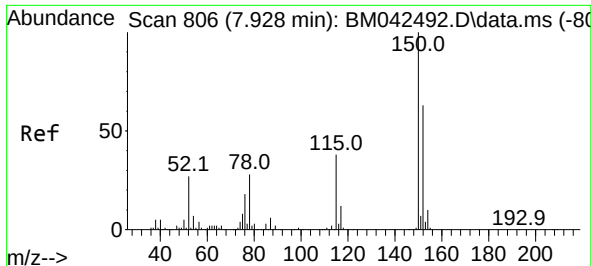
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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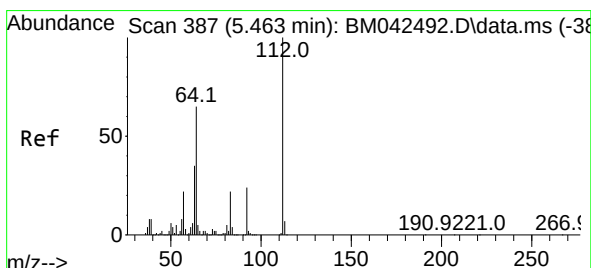
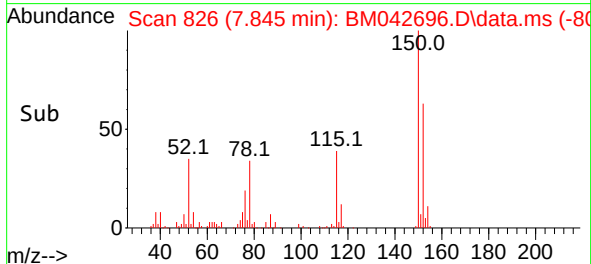
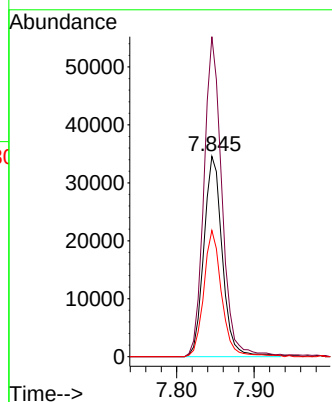
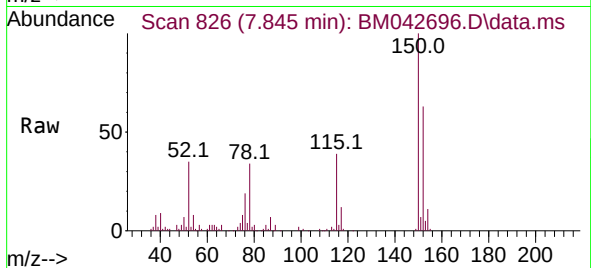




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

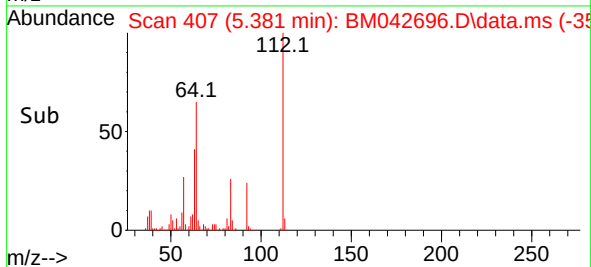
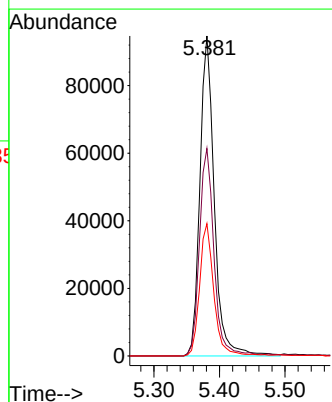
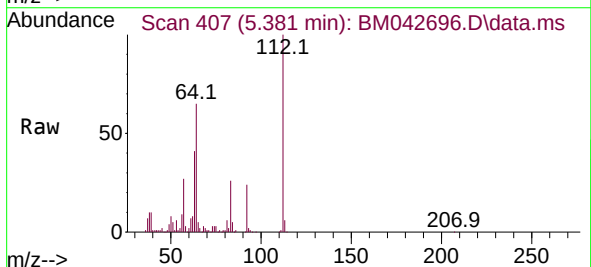
Instrument :
BNA_M
ClientSampleId :

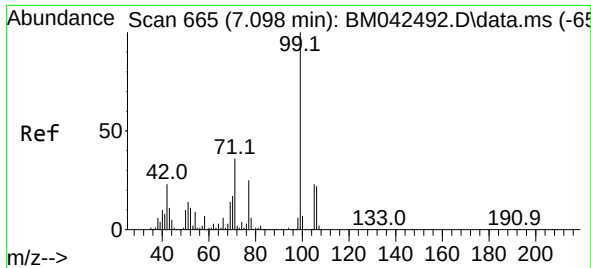
Tgt Ion:152 Resp: 57226
Ion Ratio Lower Upper
152 100
150 159.7 127.4 191.0
115 63.0 47.9 71.9



#5
2-Fluorophenol
Concen: 40.833 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

Tgt Ion:112 Resp: 144790
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 41.4 28.3 42.5

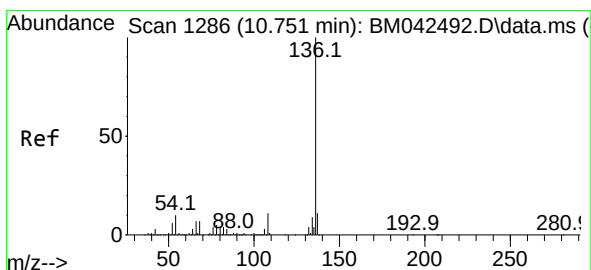
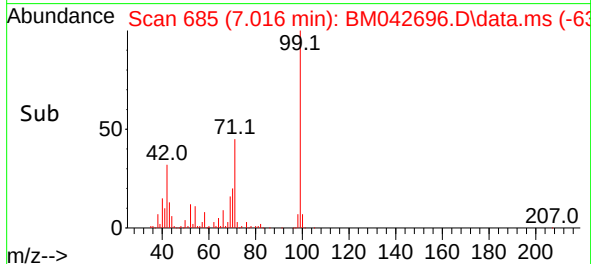
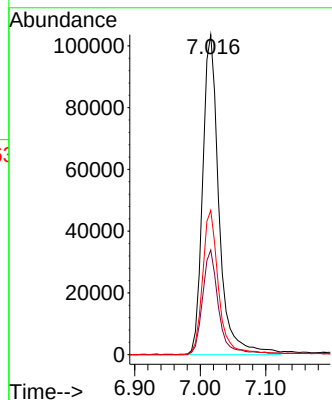
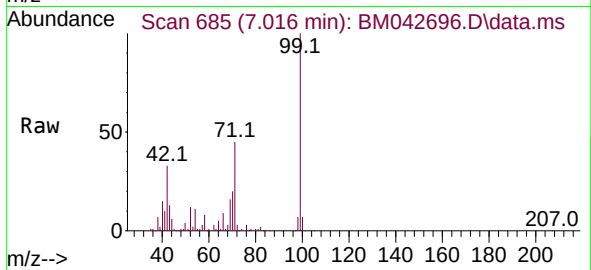




#7
Phenol-d6
Concen: 37.146 ng
RT: 7.016 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

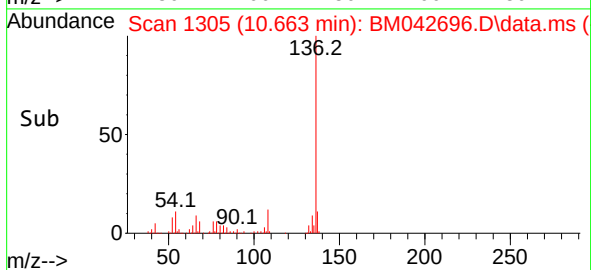
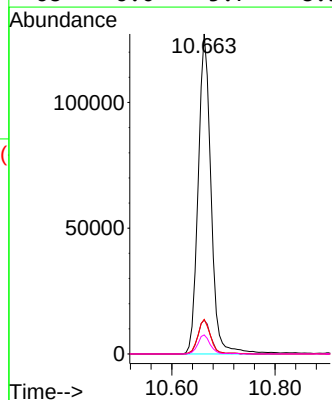
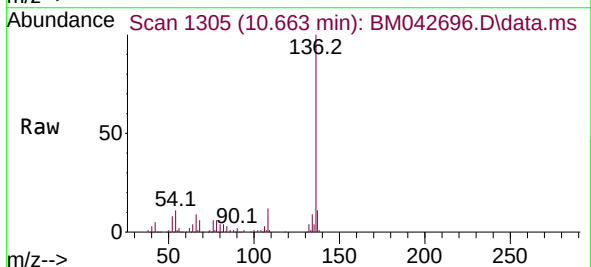
Instrument :
BNA_M
ClientSampleId :

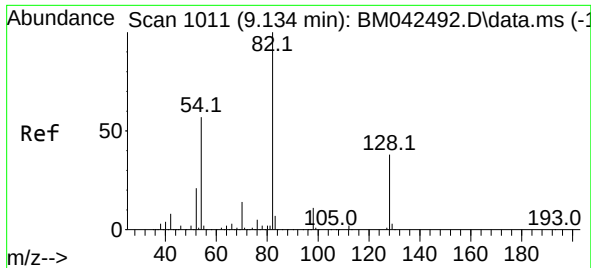
Tgt Ion: 99 Resp: 180643
Ion Ratio Lower Upper
99 100
42 32.7 18.7 28.1#
71 45.1 29.1 43.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

Tgt Ion:136 Resp: 219683
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.8 8.0 12.0
68 6.0 5.7 8.5

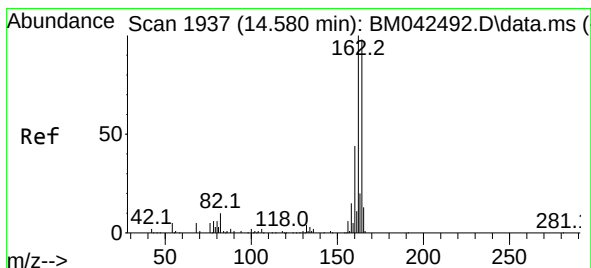
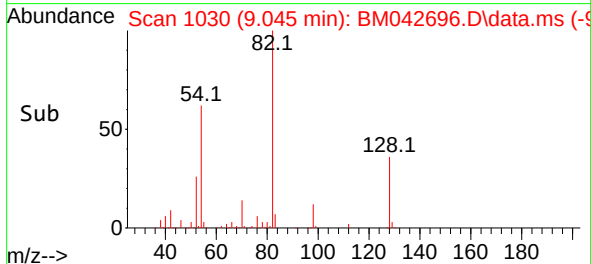
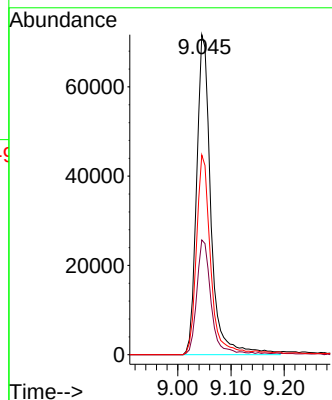
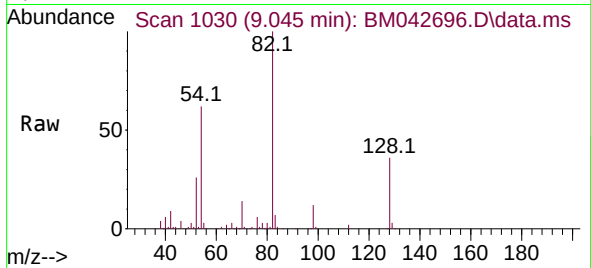




#23
Nitrobenzene-d5
Concen: 28.458 ng
RT: 9.045 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

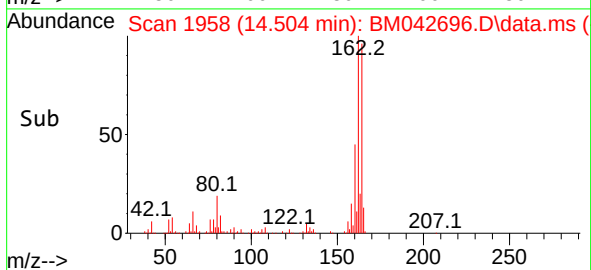
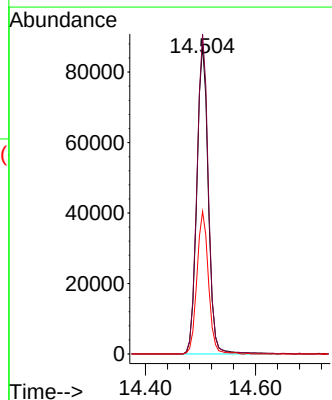
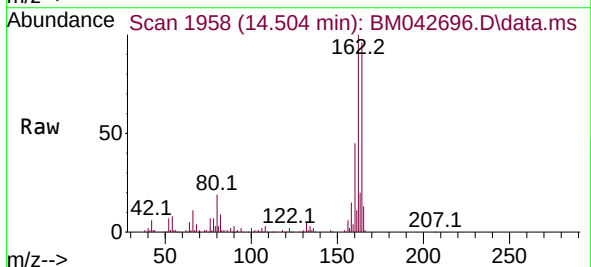
Instrument :
BNA_M
ClientSampleId :

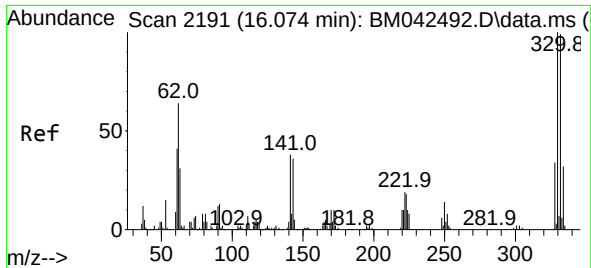
Tgt Ion: 82 Resp: 134112
Ion Ratio Lower Upper
82 100
128 35.8 30.7 46.1
54 62.4 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

Tgt Ion:164 Resp: 126493
Ion Ratio Lower Upper
164 100
162 103.7 81.6 122.4
160 46.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 38.931 ng

RT: 15.998 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042696.D

Acq: 10 Nov 2023 17:58

Instrument :

BNA_M

ClientSampleId :

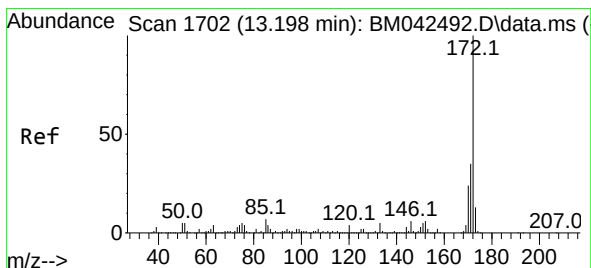
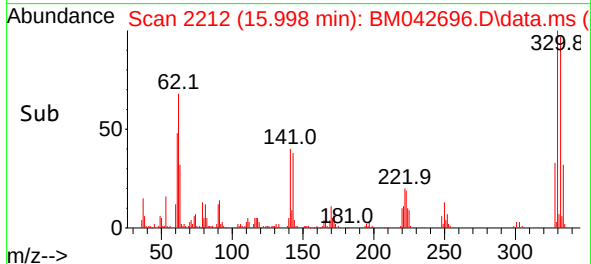
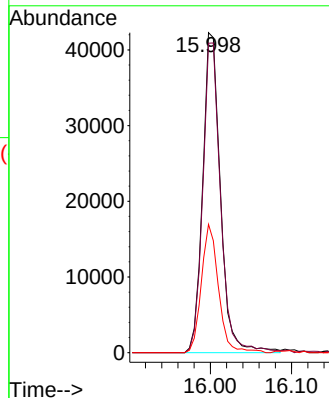
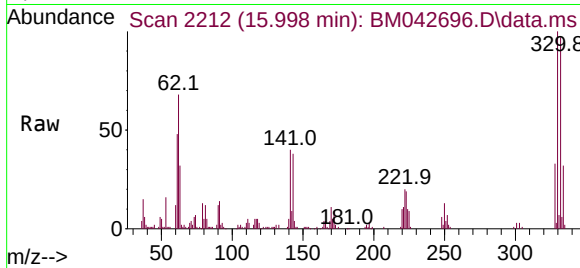
Tgt Ion:330 Resp: 64293

Ion Ratio Lower Upper

330 100

332 97.6 78.8 118.2

141 38.7 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 28.985 ng

RT: 13.121 min Scan# 1723

Delta R.T. -0.000 min

Lab File: BM042696.D

Acq: 10 Nov 2023 17:58

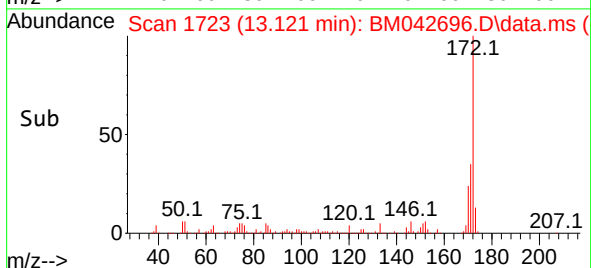
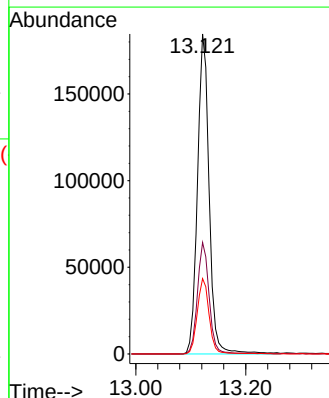
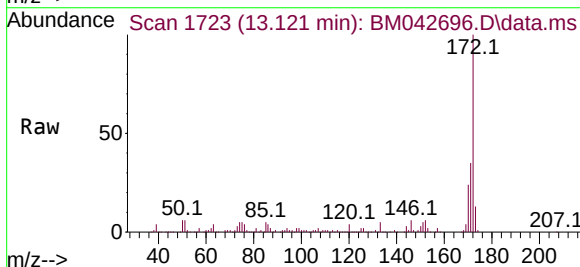
Tgt Ion:172 Resp: 272470

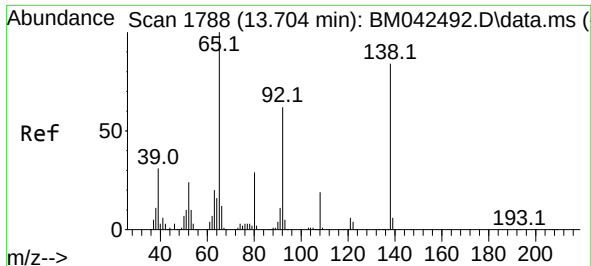
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.5 19.0 28.4

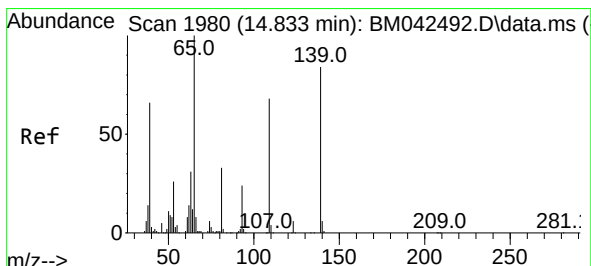
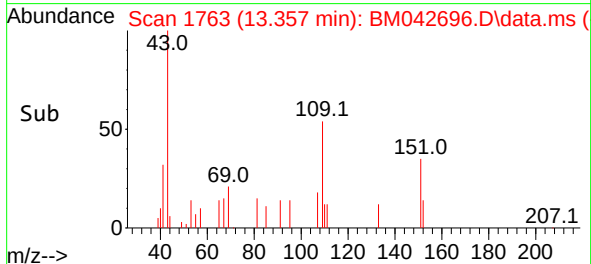
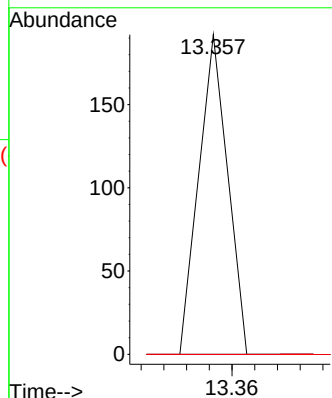
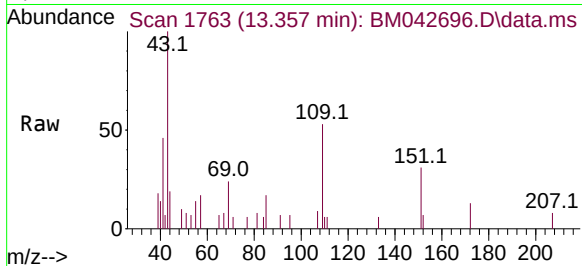




#48
2-Nitroaniline
Concen: 4.372 ng
RT: 13.357 min Scan# 11
Delta R.T. -0.277 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

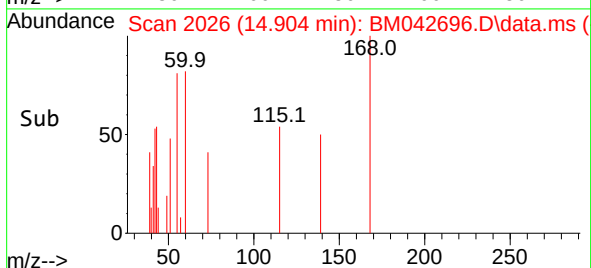
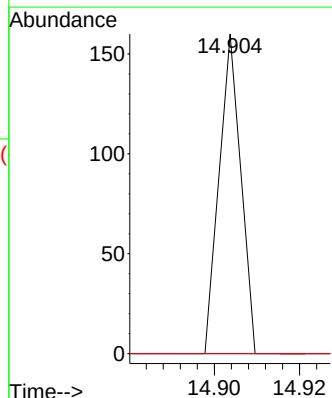
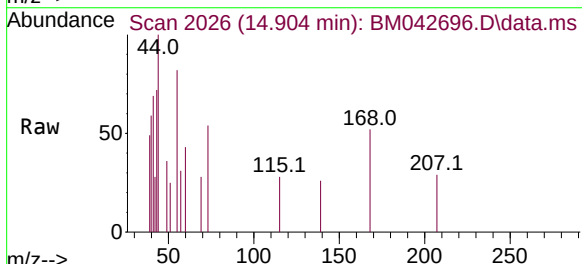
Instrument :
BNA_M
ClientSampleId :

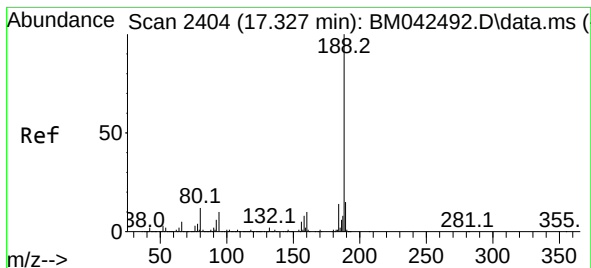
Tgt Ion: 65 Resp: 68
Ion Ratio Lower Upper
65 100
92 0.0 49.4 74.2#
138 0.0 66.9 100.3#



#56
4-Nitrophenol
Concen: 6.982 ng
RT: 14.904 min Scan# 2026
Delta R.T. 0.147 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 61.3 101.3#
65 0.0 100.2 140.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.256 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042696.D

Acq: 10 Nov 2023 17:58

Instrument :

BNA_M

ClientSampleId :

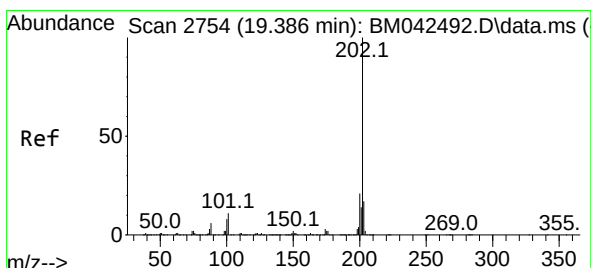
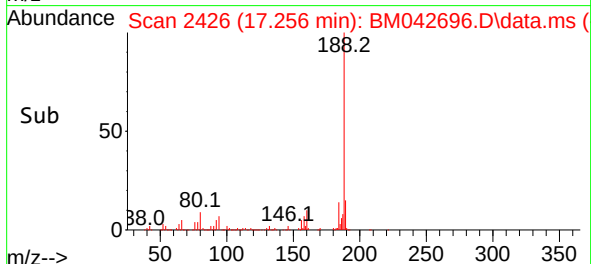
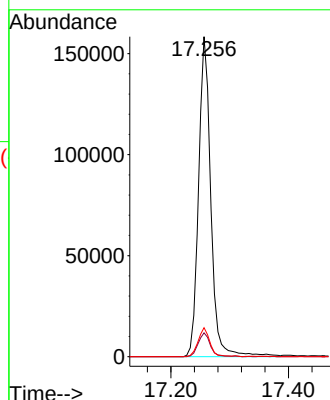
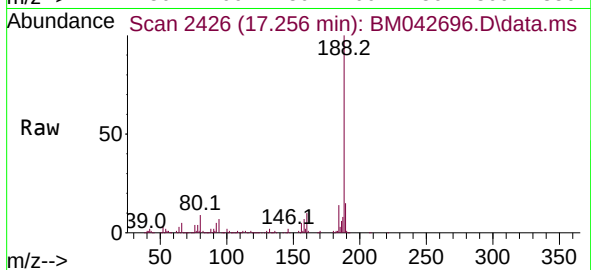
Tgt Ion:188 Resp: 229094

Ion Ratio Lower Upper

188 100

94 7.5 8.2 12.4#

80 9.1 9.4 14.2#



#75

Fluoranthene

Concen: 3.516 ng

RT: 19.315 min Scan# 2776

Delta R.T. -0.000 min

Lab File: BM042696.D

Acq: 10 Nov 2023 17:58

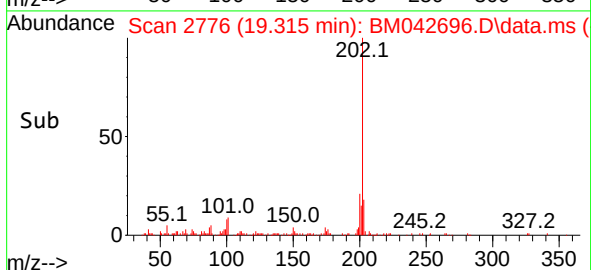
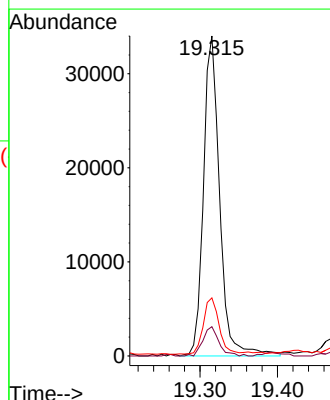
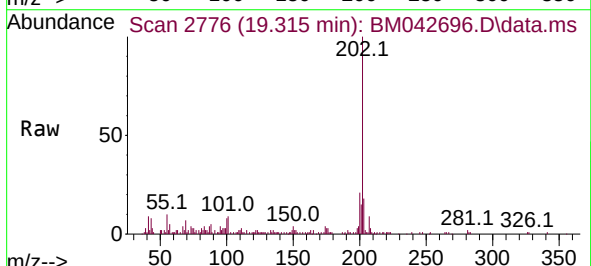
Tgt Ion:202 Resp: 49451

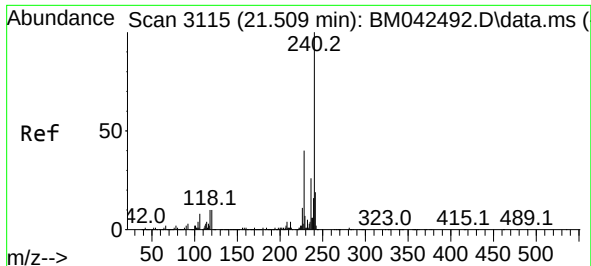
Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.5

203 18.2 0.0 37.0

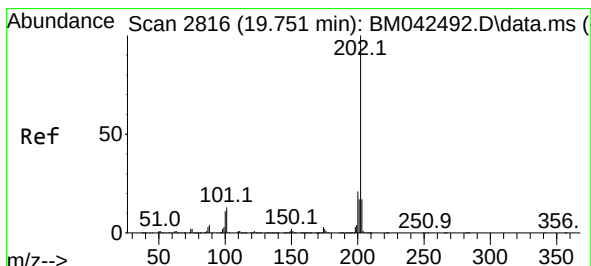
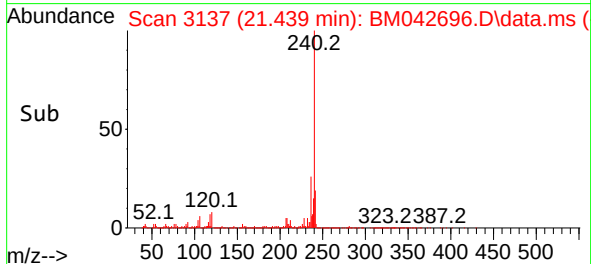
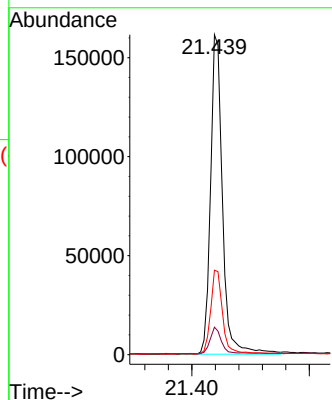
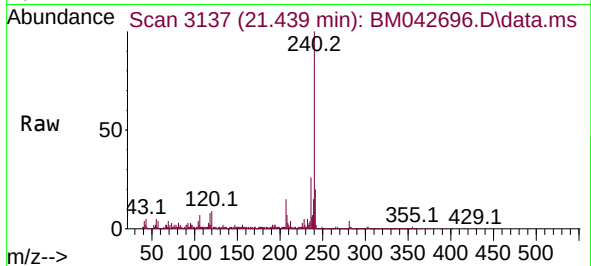




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

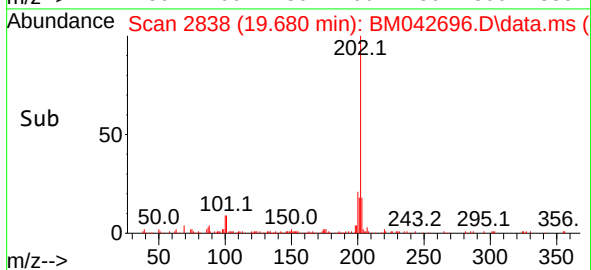
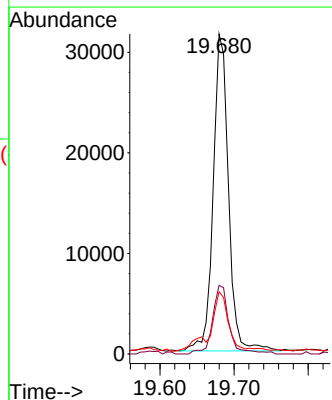
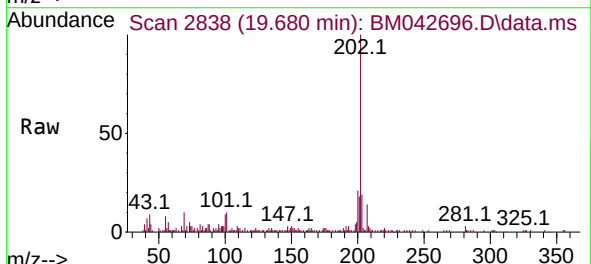
Instrument :
BNA_M
ClientSampleId :

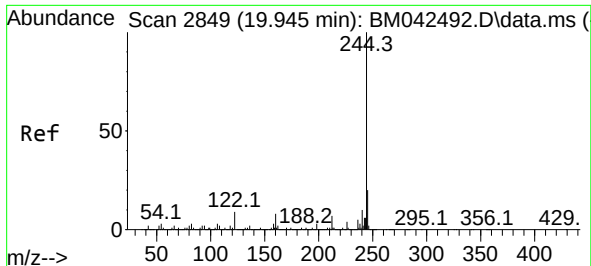
Tgt Ion:240 Resp: 227008
Ion Ratio Lower Upper
240 100
120 8.6 8.3 12.5
236 26.4 20.8 31.2



#78
Pyrene
Concen: 2.900 ng
RT: 19.680 min Scan# 2838
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

Tgt Ion:202 Resp: 45197
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 19.5 13.7 20.5

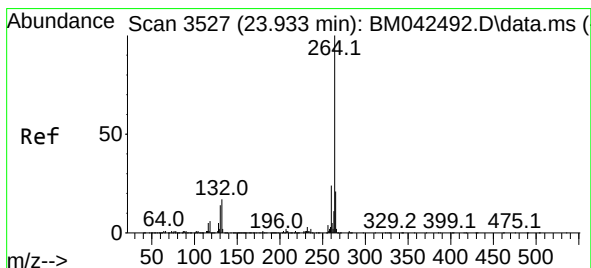
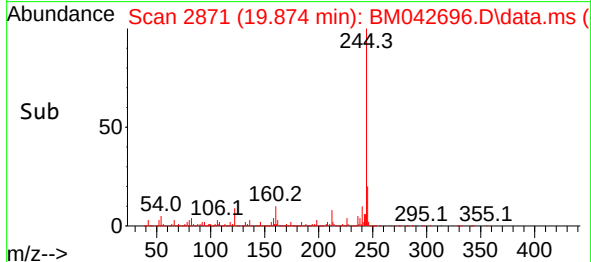
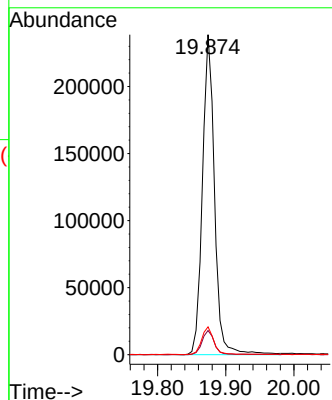
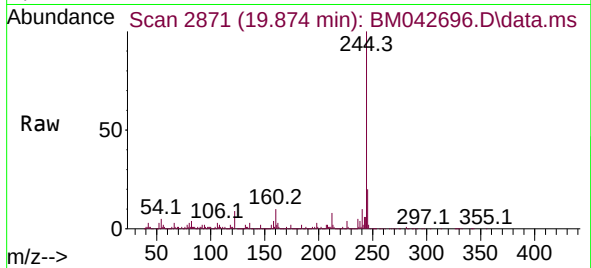




#79
 Terphenyl-d14
 Concen: 22.006 ng
 RT: 19.874 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042696.D
 Acq: 10 Nov 2023 17:58

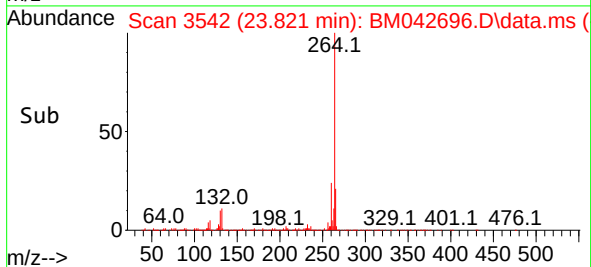
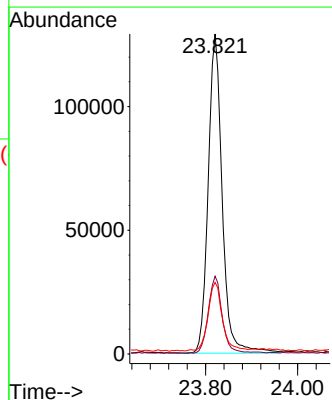
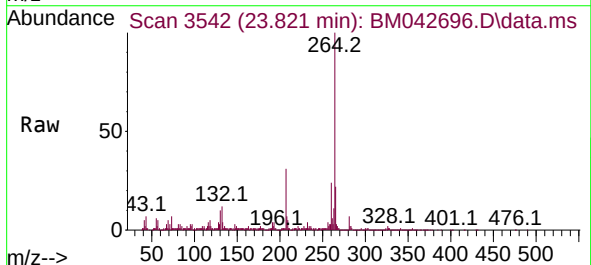
Instrument :
 BNA_M
 ClientSampleId :

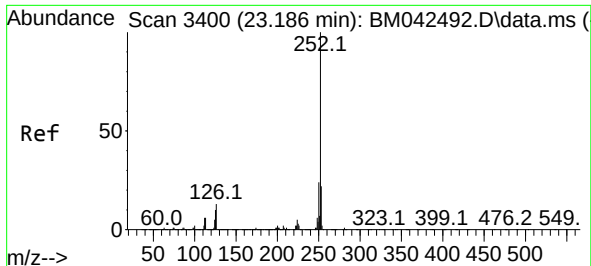
Tgt Ion:244 Resp: 294621
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 8.7 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 3542
 Delta R.T. 0.006 min
 Lab File: BM042696.D
 Acq: 10 Nov 2023 17:58

Tgt Ion:264 Resp: 273598
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 22.3 18.7 28.1

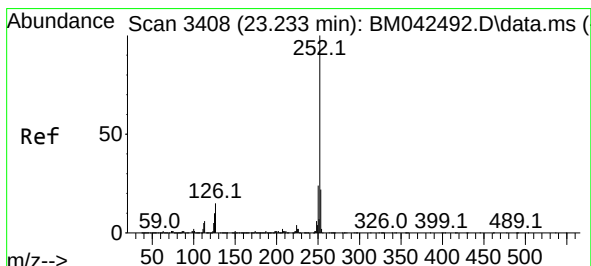
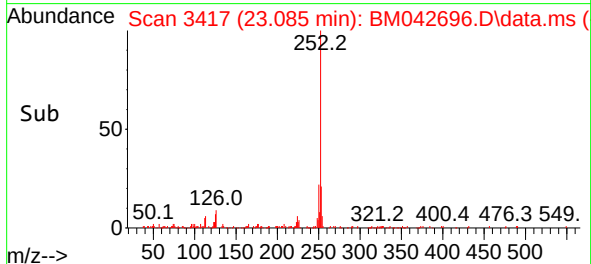
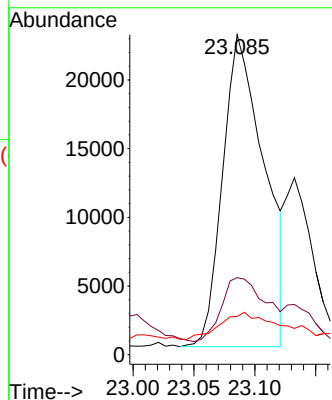
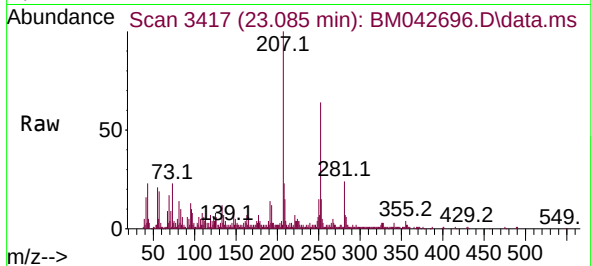




#88
Benzo(b)fluoranthene
Concen: 3.529 ng
RT: 23.085 min Scan# 3417
Delta R.T. -0.000 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

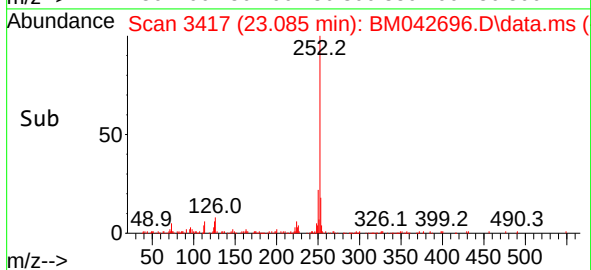
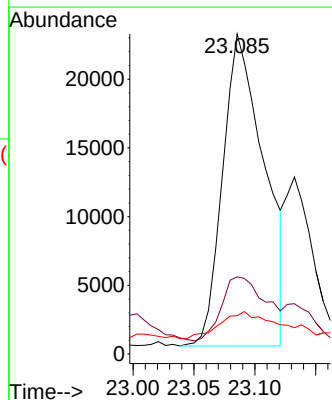
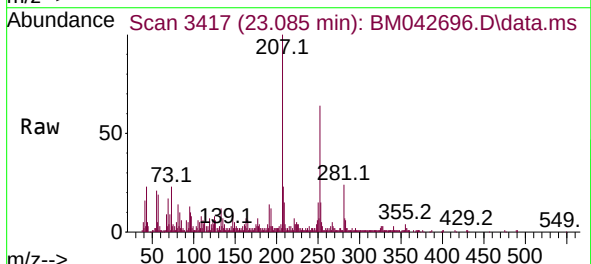
Instrument :
BNA_M
ClientSampleId :

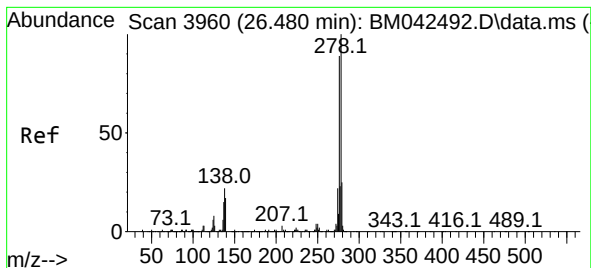
Tgt Ion:252 Resp: 53794
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 12.0 7.8 11.6#



#89
Benzo(k)fluoranthene
Concen: 3.167 ng
RT: 23.085 min Scan# 3417
Delta R.T. -0.053 min
Lab File: BM042696.D
Acq: 10 Nov 2023 17:58

Tgt Ion:252 Resp: 53794
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 12.0 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 4.530 ng

RT: 26.291 min Scan# 3962

Delta R.T. -0.024 min

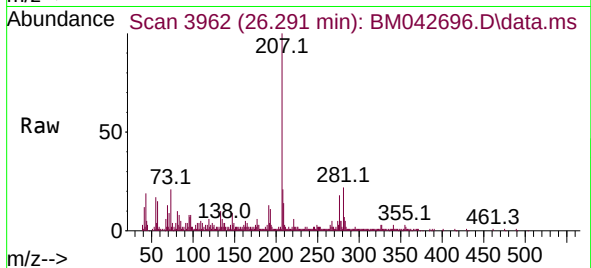
Lab File: BM042696.D

Acq: 10 Nov 2023 17:58

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:278 Resp: 6451

Ion Ratio Lower Upper

278 100

139 39.3 13.4 20.2#

279 48.8 19.7 29.5#

