

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
 Data File : BM042687.D
 Acq On : 10 Nov 2023 12:34
 Operator : MA/JU
 Sample : 05279-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 10 13:06:17 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	47656	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	174876	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	120563	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	287697	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	233638	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	92418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	423962	143.576	ng	0.00
7) Phenol-d6	7.016	99	509446	125.797	ng	0.00
23) Nitrobenzene-d5	9.051	82	433878	115.658	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	340200	216.130	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	994911	111.042	ng	0.00
79) Terphenyl-d14	19.874	244	1969046	142.902	ng	0.00

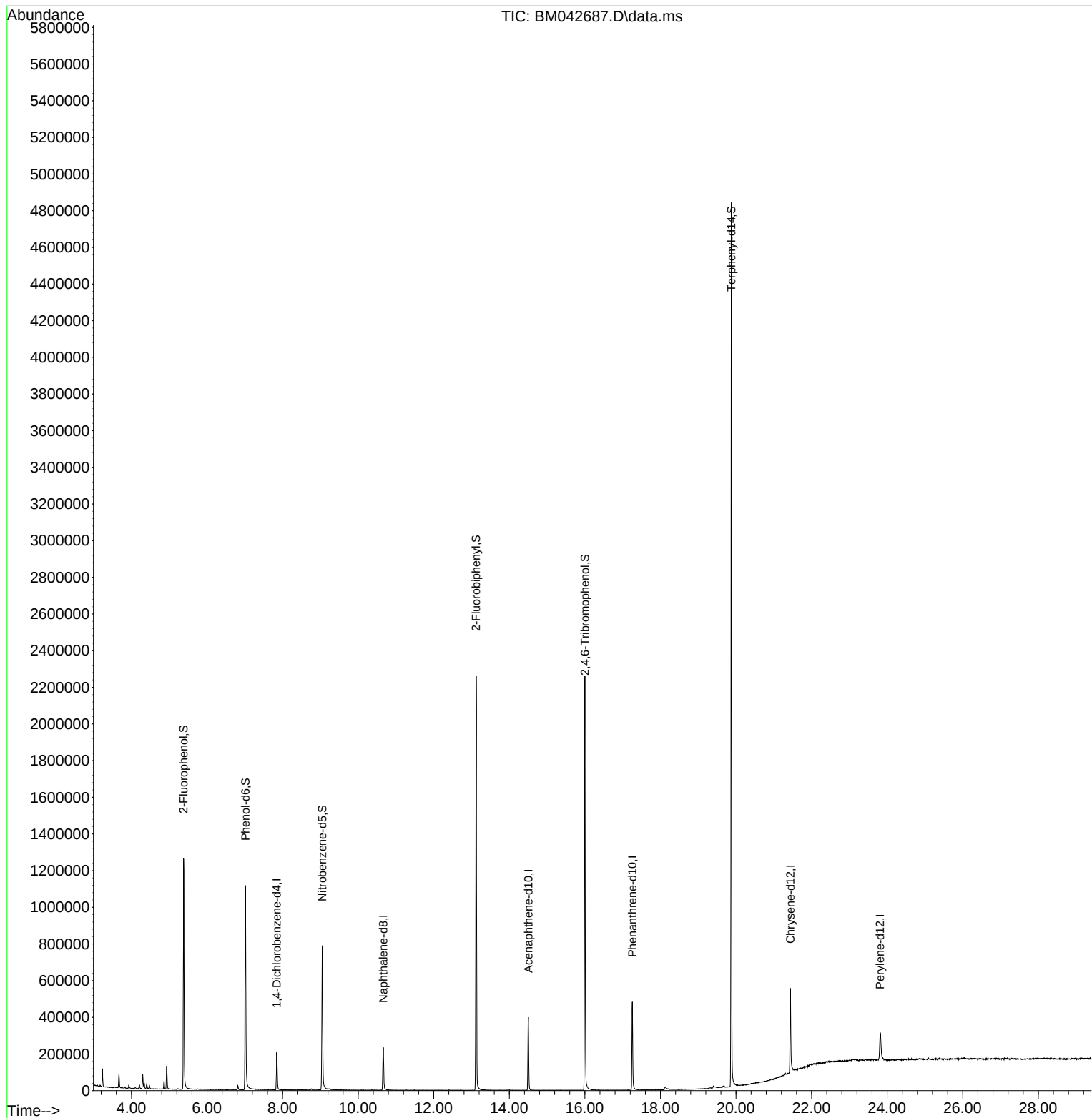
Target Compounds	Qvalue

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

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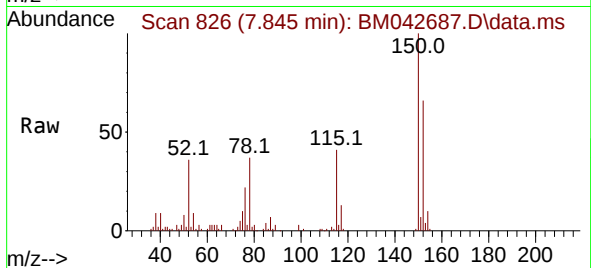
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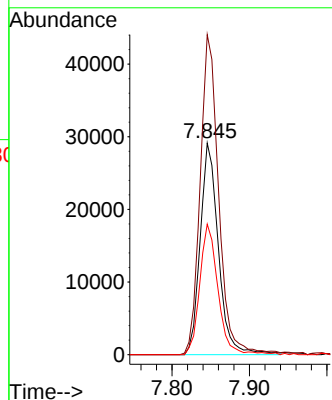
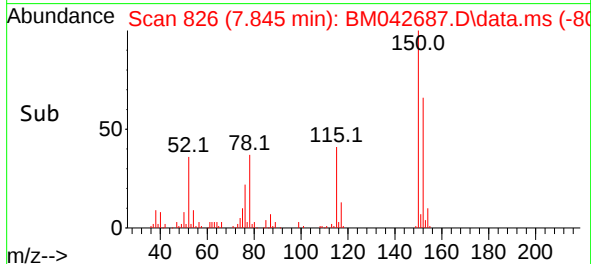


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM042687.D
Acq: 10 Nov 2023 12:34

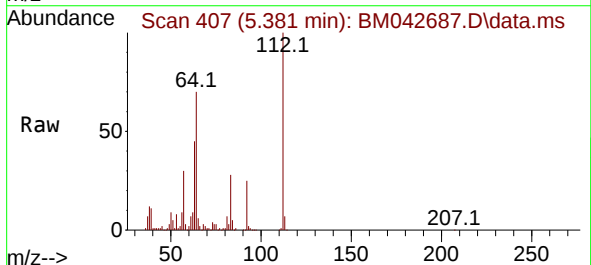
Instrument :
BNA_M
ClientSampleId :



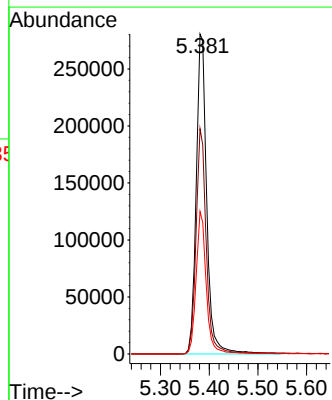
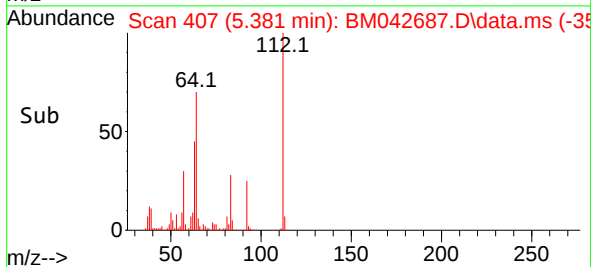
Tgt Ion:152 Resp: 47656
Ion Ratio Lower Upper
152 100
150 151.1 127.4 191.0
115 61.6 47.9 71.9

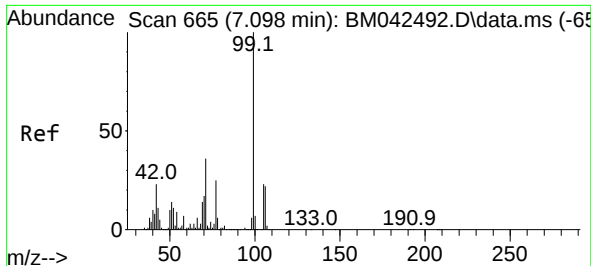


#5
2-Fluorophenol
Concen: 143.576 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042687.D
Acq: 10 Nov 2023 12:34



Tgt Ion:112 Resp: 423962
Ion Ratio Lower Upper
112 100
64 70.4 52.1 78.1
63 44.5 28.3 42.5#

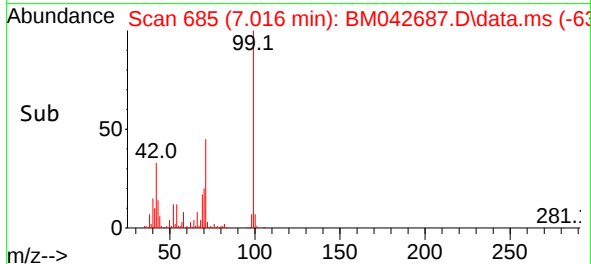
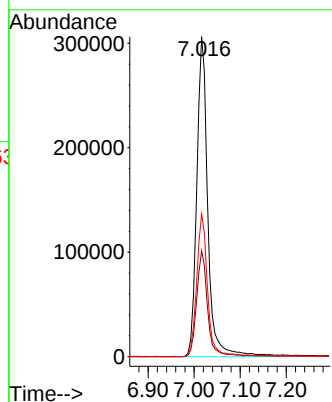
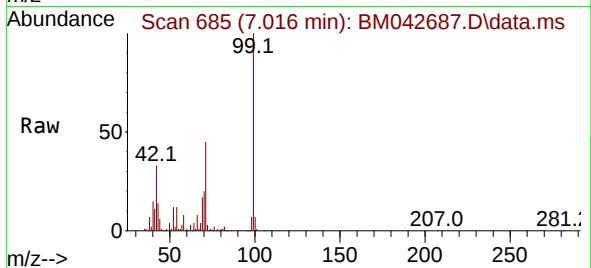




#7
Phenol-d6
Concen: 125.797 ng
RT: 7.016 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042687.D
Acq: 10 Nov 2023 12:34

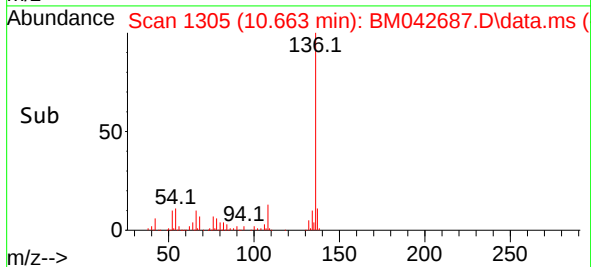
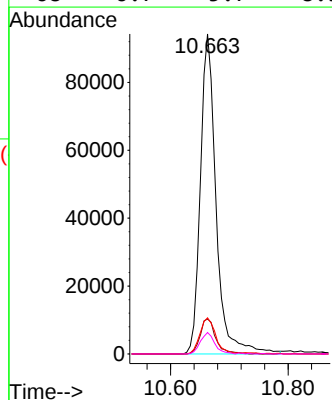
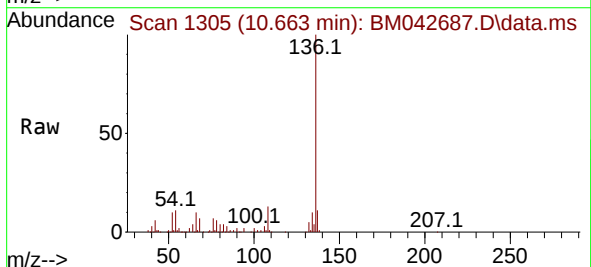
Instrument :
BNA_M
ClientSampleId :

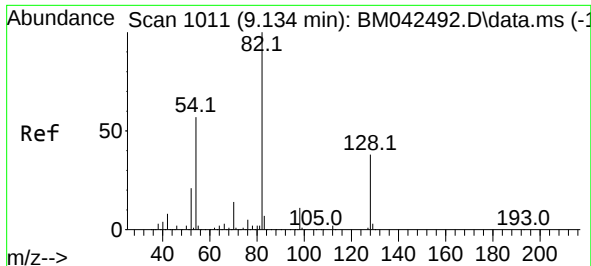
Tgt Ion: 99 Resp: 509446
Ion Ratio Lower Upper
99 100
42 33.1 18.7 28.1#
71 44.6 29.1 43.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM042687.D
Acq: 10 Nov 2023 12:34

Tgt Ion: 136 Resp: 174876
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 11.3 8.0 12.0
68 6.7 5.7 8.5

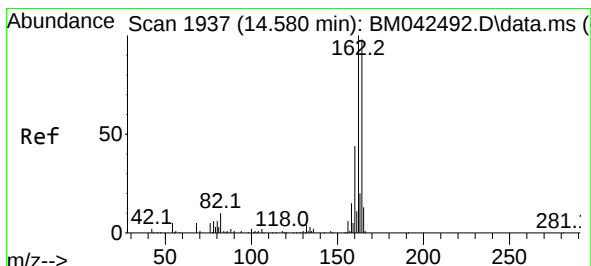
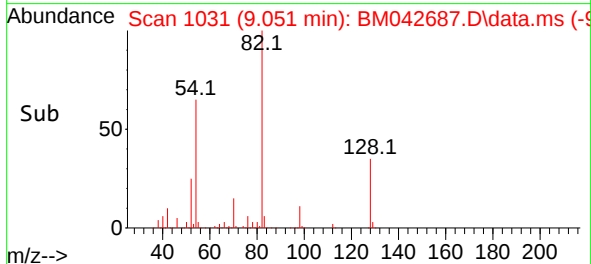
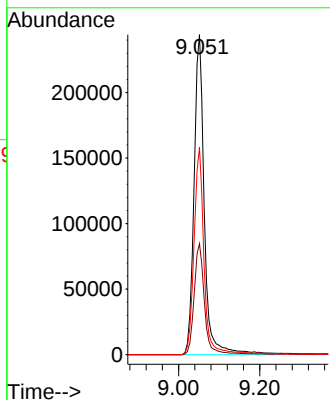
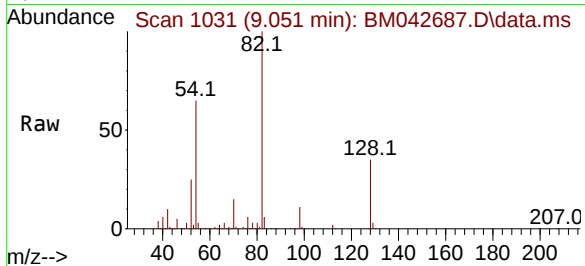




#23
Nitrobenzene-d5
Concen: 115.658 ng
RT: 9.051 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM042687.D
Acq: 10 Nov 2023 12:34

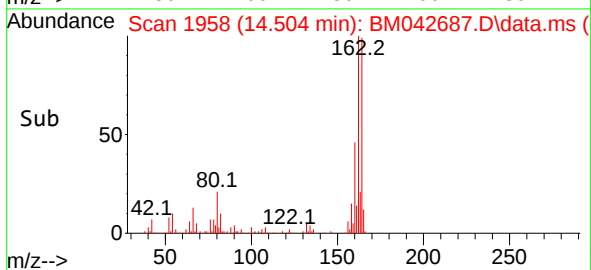
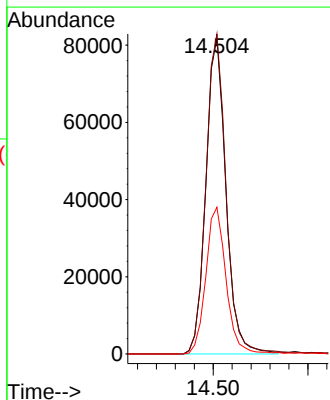
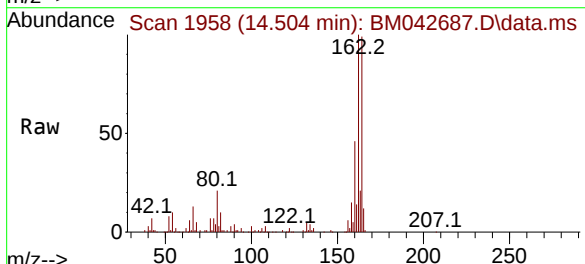
Instrument :
BNA_M
ClientSampleId :

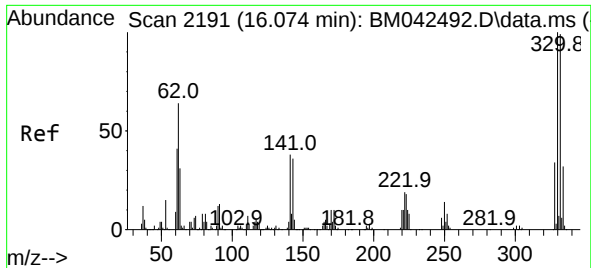
Tgt Ion: 82 Resp: 433878
Ion Ratio Lower Upper
82 100
128 34.7 30.7 46.1
54 64.9 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM042687.D
Acq: 10 Nov 2023 12:34

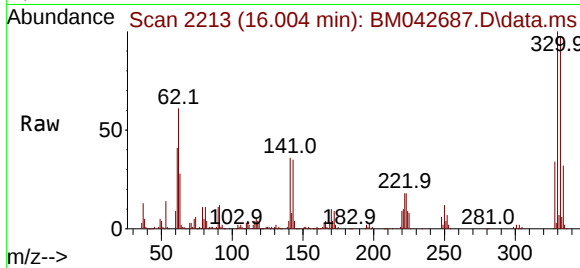
Tgt Ion:164 Resp: 120563
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 46.4 36.2 54.4



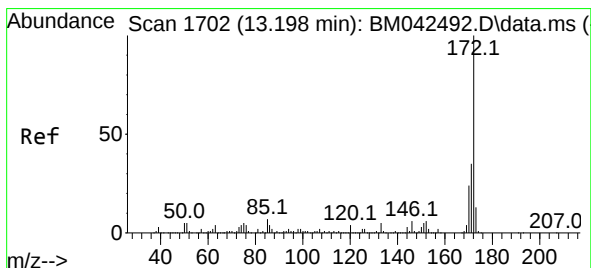
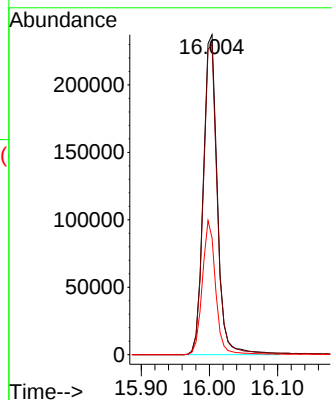
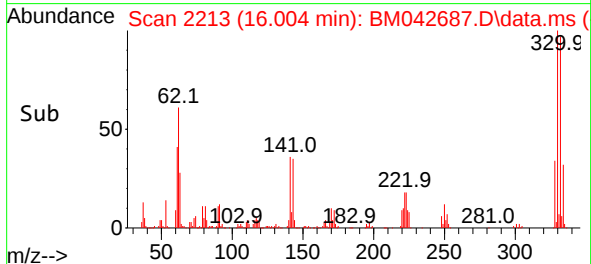


#42
2,4,6-Tribromophenol
Concen: 216.130 ng
RT: 16.004 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BM042687.D
Acq: 10 Nov 2023 12:34

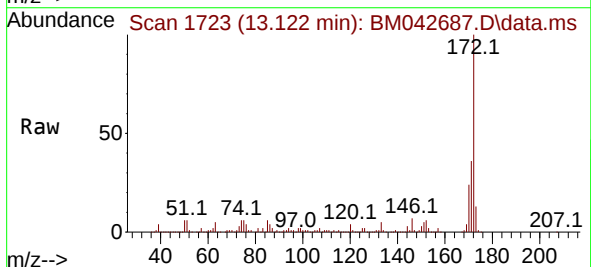
Instrument :
BNA_M
ClientSampleId :



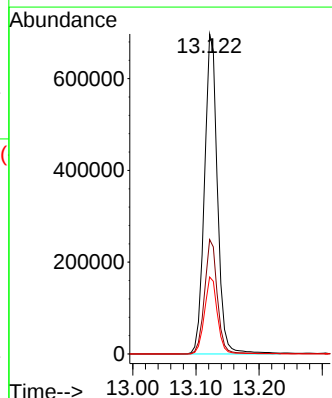
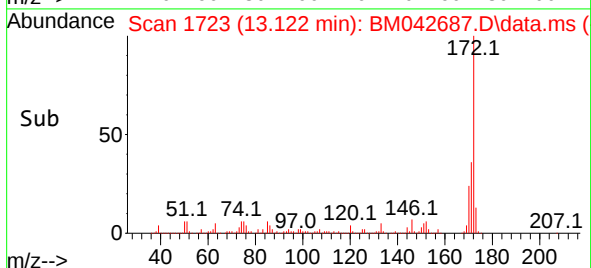
Tgt Ion:330 Resp: 340200
Ion Ratio Lower Upper
330 100
332 97.2 78.8 118.2
141 40.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 111.042 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM042687.D
Acq: 10 Nov 2023 12:34



Tgt Ion:172 Resp: 994911
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM042687.D

Acq: 10 Nov 2023 12:34

Instrument :

BNA_M

ClientSampleId :

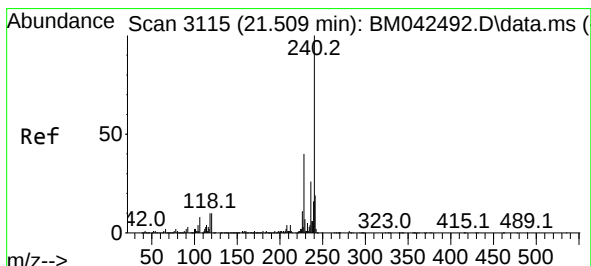
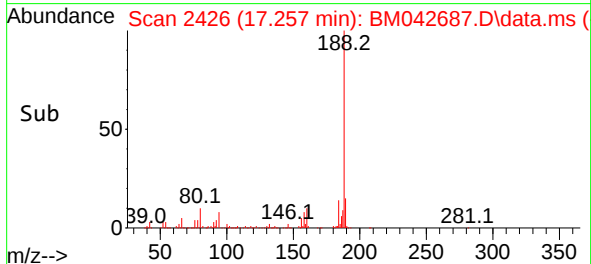
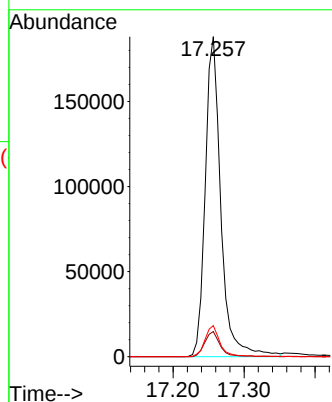
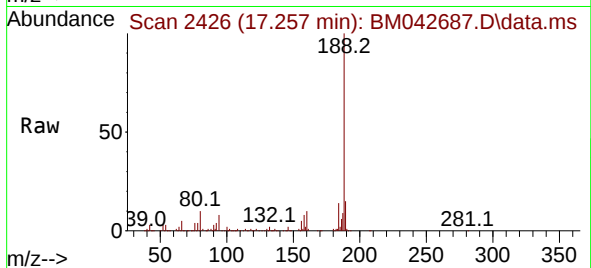
Tgt Ion:188 Resp: 287697

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.4#

80 9.7 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM042687.D

Acq: 10 Nov 2023 12:34

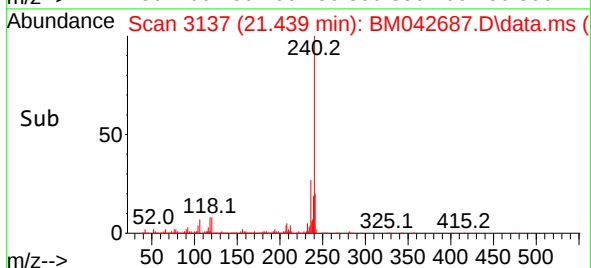
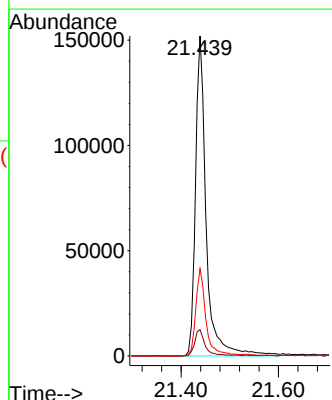
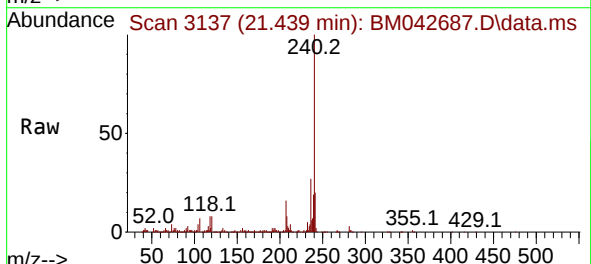
Tgt Ion:240 Resp: 233638

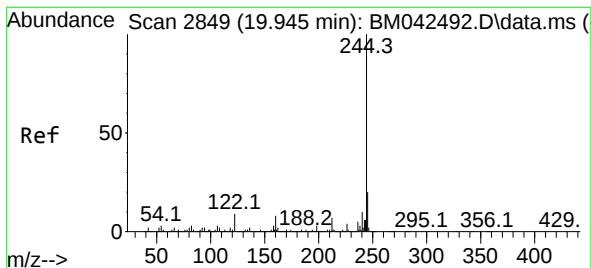
Ion Ratio Lower Upper

240 100

120 8.2 8.3 12.5#

236 27.3 20.8 31.2





#79

Terphenyl-d14

Concen: 142.902 ng

RT: 19.874 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042687.D

Acq: 10 Nov 2023 12:34

Instrument :

BNA_M

ClientSampleId :

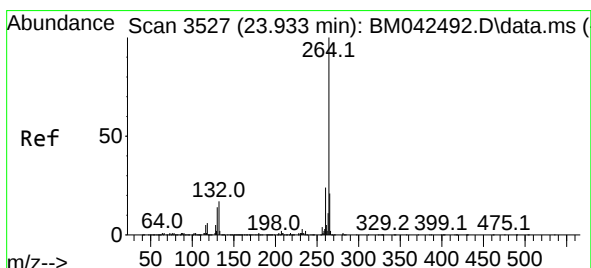
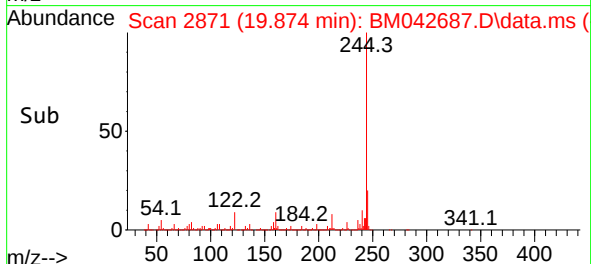
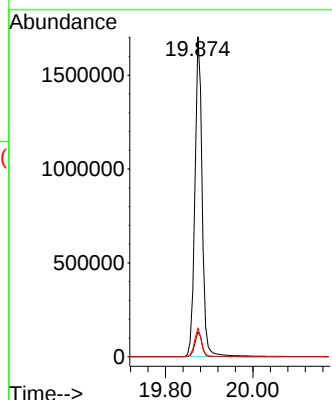
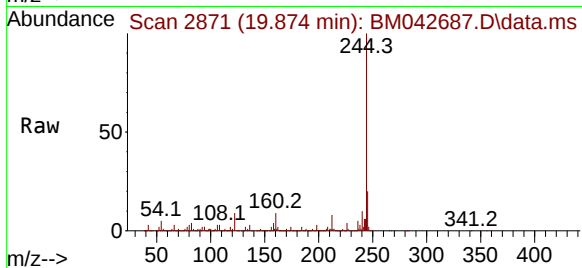
Tgt Ion:244 Resp: 1969046

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

122 8.8 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.815 min Scan# 3541

Delta R.T. 0.000 min

Lab File: BM042687.D

Acq: 10 Nov 2023 12:34

Tgt Ion:264 Resp: 92418

Ion Ratio Lower Upper

264 100

260 28.4 19.0 28.4

265 23.6 18.7 28.1

