

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042669.D
 Acq On : 09 Nov 2023 13:15
 Operator : MA/JU
 Sample : PB156951BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156951BL

Quant Time: Nov 09 14:49:40 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)

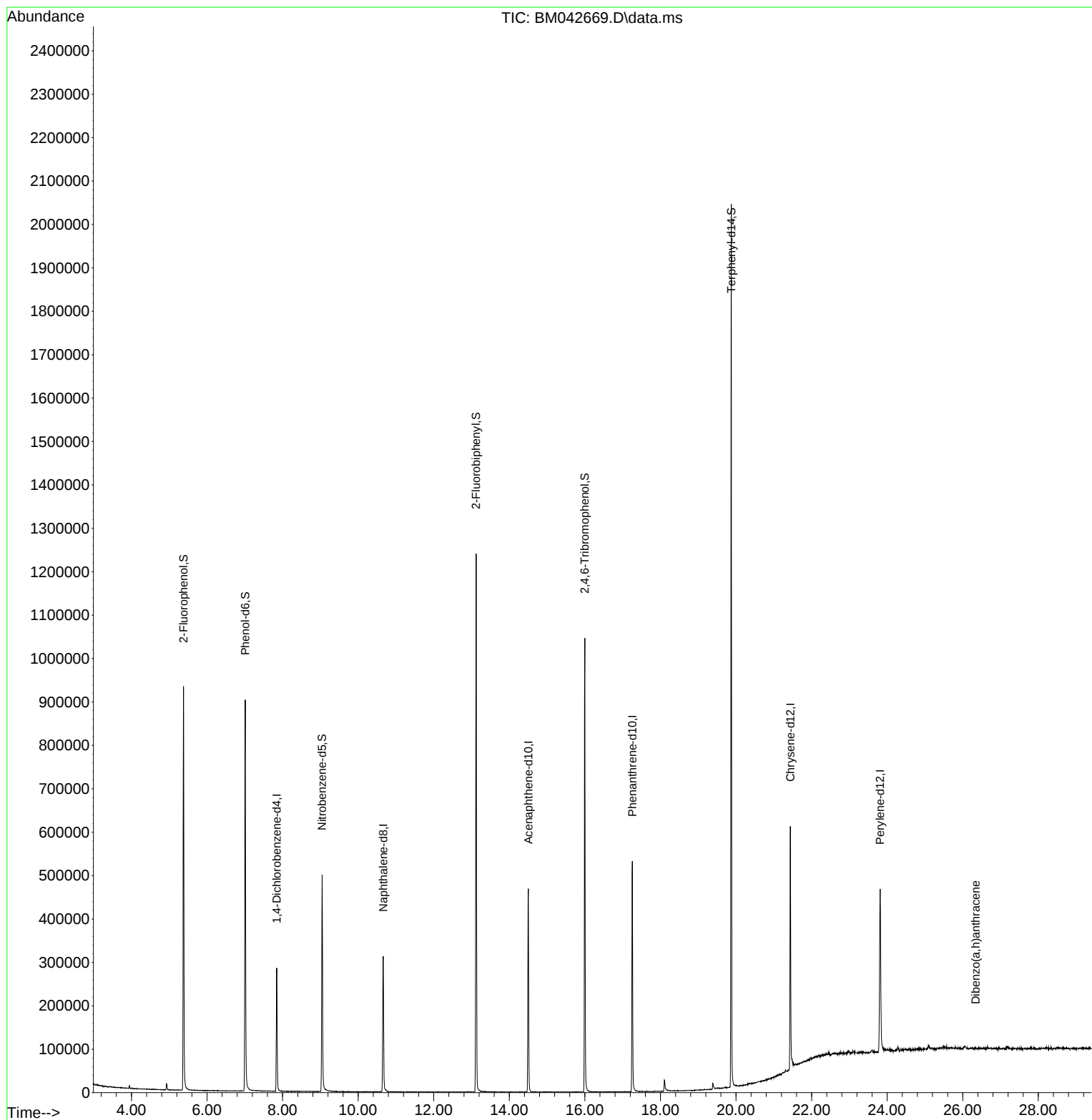
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	63118	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	223981	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	141509	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	294533	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	262988	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	307167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	307785	78.698	ng	0.00
7) Phenol-d6	7.010	99	382587	71.329	ng	0.00
23) Nitrobenzene-d5	9.045	82	263335	54.807	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	150483	81.451	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	530201	50.416	ng	0.00
79) Terphenyl-d14	19.874	244	831917	53.638	ng	0.00
Target Compounds						
91) Dibenzo(a,h)anthracene	26.344	278	62	4.141	ng	# 55

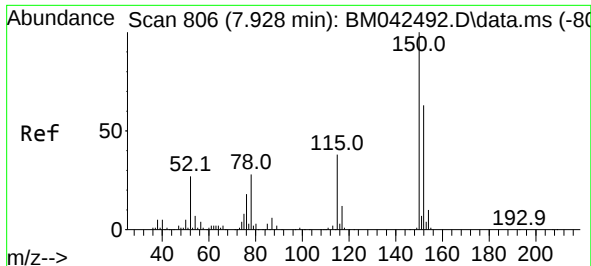
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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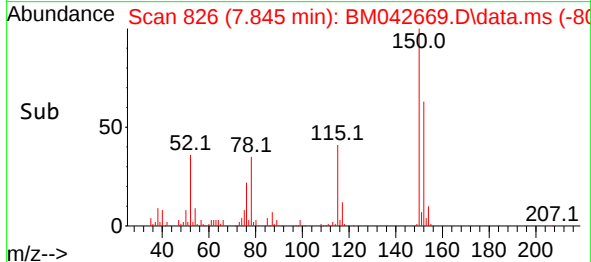
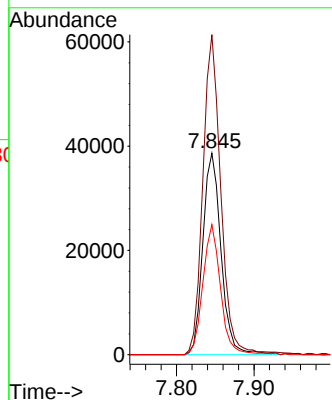
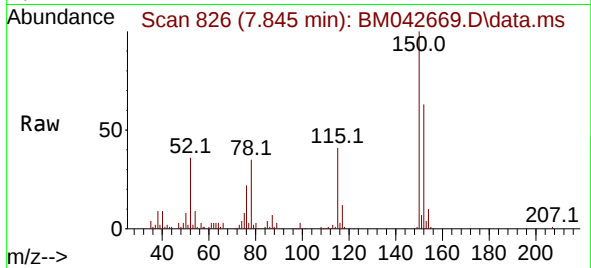




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM042669.D
Acq: 09 Nov 2023 13:15

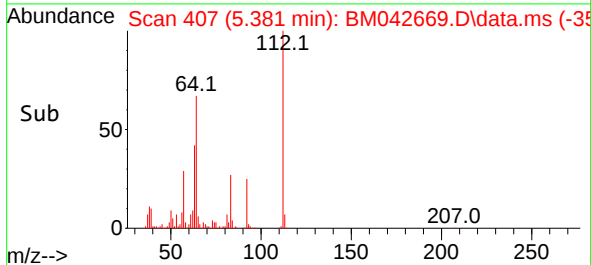
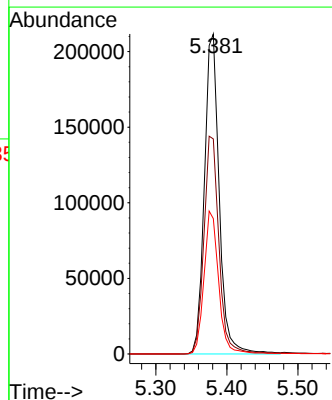
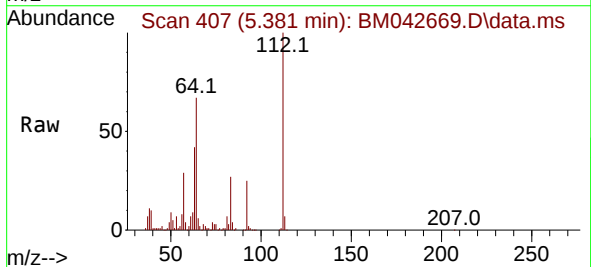
Instrument :
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PB156951BL

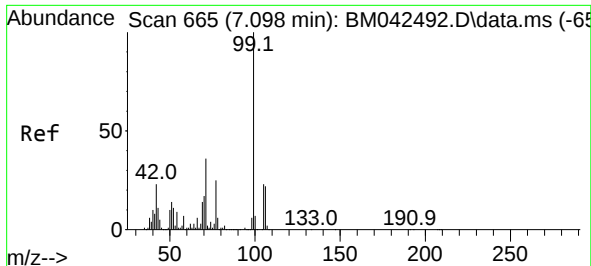
Tgt Ion:152 Resp: 63118
Ion Ratio Lower Upper
152 100
150 158.8 127.4 191.0
115 64.5 47.9 71.9



#5
2-Fluorophenol
Concen: 78.698 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042669.D
Acq: 09 Nov 2023 13:15

Tgt Ion:112 Resp: 307785
Ion Ratio Lower Upper
112 100
64 67.2 52.1 78.1
63 42.3 28.3 42.5

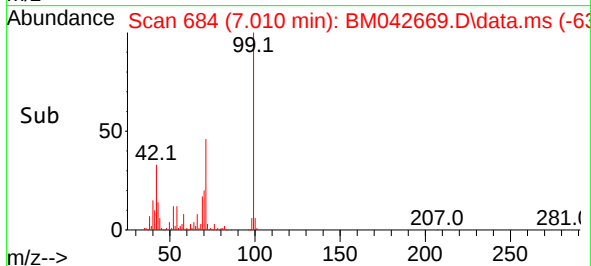
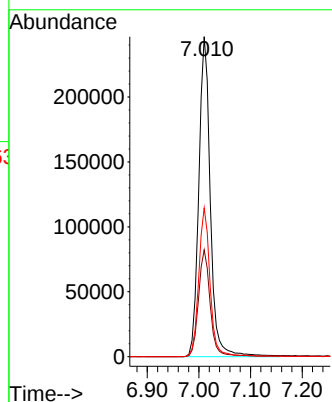
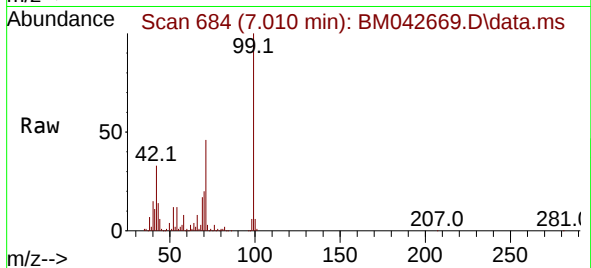




#7
Phenol-d6
Concen: 71.329 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042669.D
Acq: 09 Nov 2023 13:15

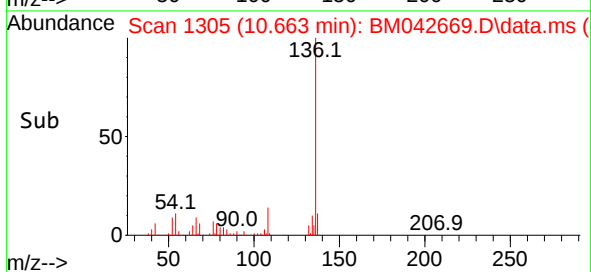
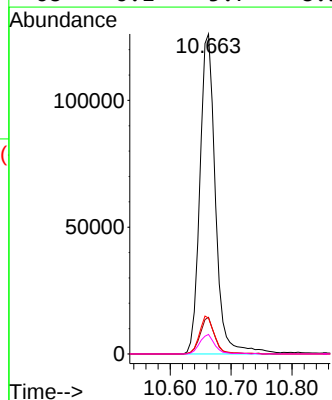
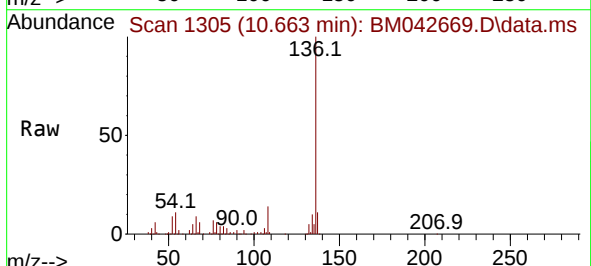
Instrument :
BNA_M
ClientSampleId :
PB156951BL

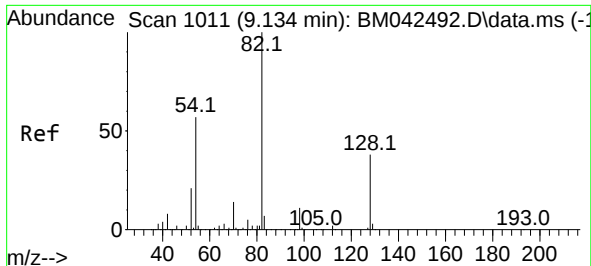
Tgt Ion: 99 Resp: 382587
Ion Ratio Lower Upper
99 100
42 33.4 18.7 28.1#
71 46.5 29.1 43.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM042669.D
Acq: 09 Nov 2023 13:15

Tgt Ion: 136 Resp: 223981
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 11.2 8.0 12.0
68 6.1 5.7 8.5

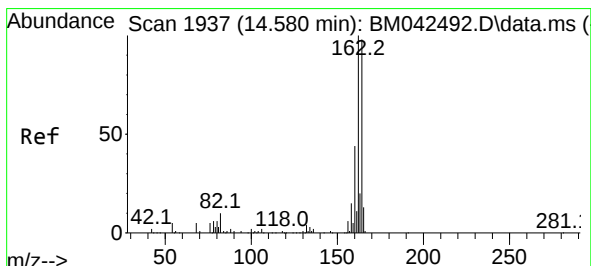
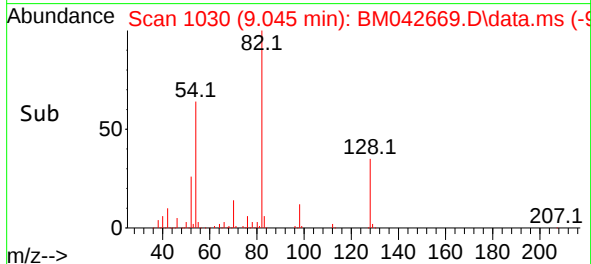
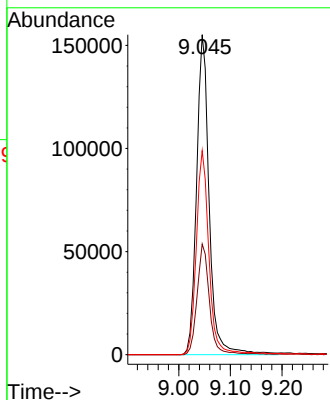
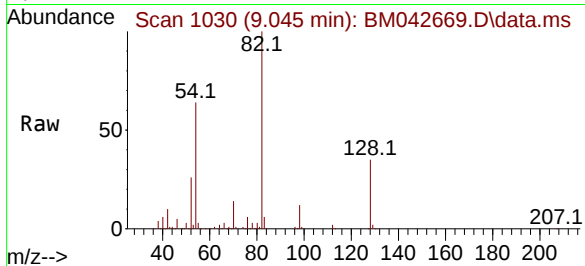




#23
Nitrobenzene-d5
Concen: 54.807 ng
RT: 9.045 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM042669.D
Acq: 09 Nov 2023 13:15

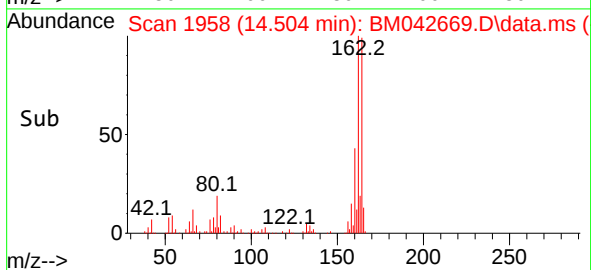
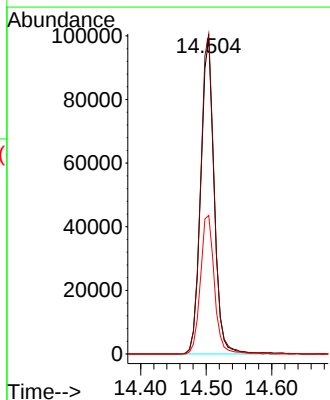
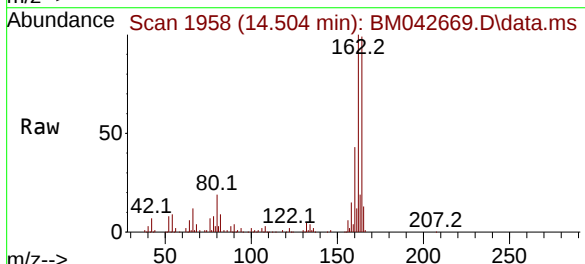
Instrument :
BNA_M
ClientSampleId :
PB156951BL

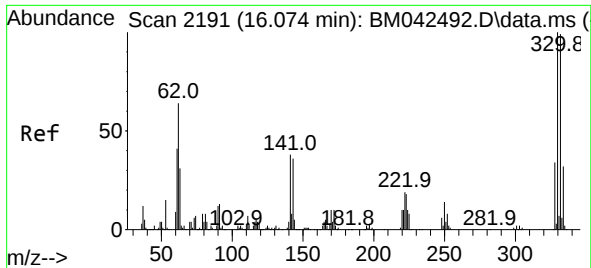
Tgt Ion: 82 Resp: 263335
Ion Ratio Lower Upper
82 100
128 34.6 30.7 46.1
54 63.8 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM042669.D
Acq: 09 Nov 2023 13:15

Tgt Ion: 164 Resp: 141509
Ion Ratio Lower Upper
164 100
162 101.3 81.6 122.4
160 43.9 36.2 54.4

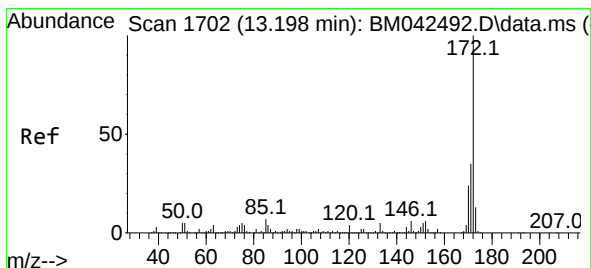
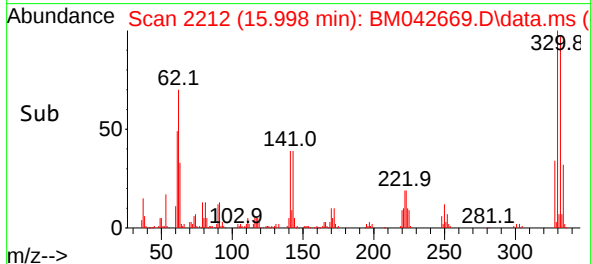
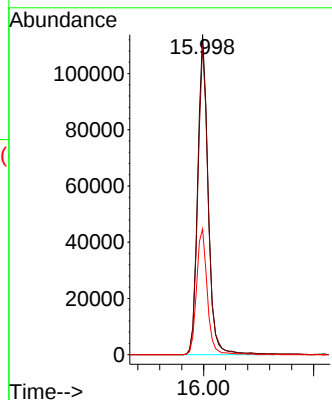
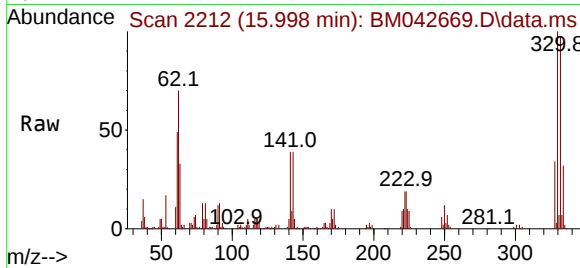




#42
2,4,6-Tribromophenol
Concen: 81.451 ng
RT: 15.998 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042669.D
Acq: 09 Nov 2023 13:15

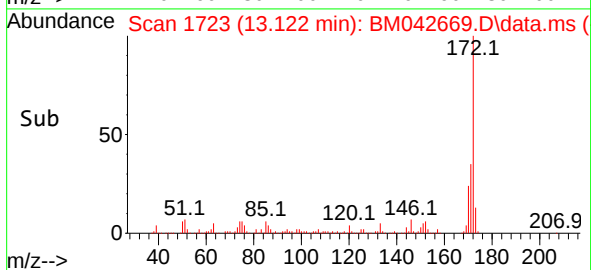
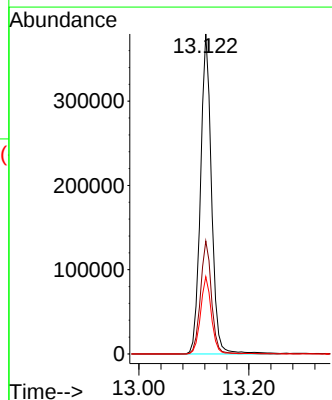
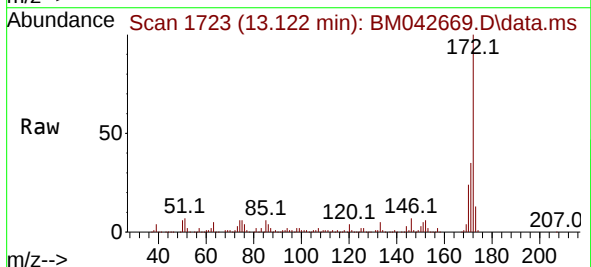
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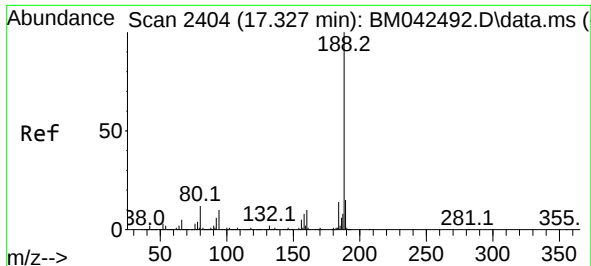
Tgt Ion:330 Resp: 150483
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 40.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 50.416 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM042669.D
Acq: 09 Nov 2023 13:15

Tgt Ion:172 Resp: 530201
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.2 19.0 28.4

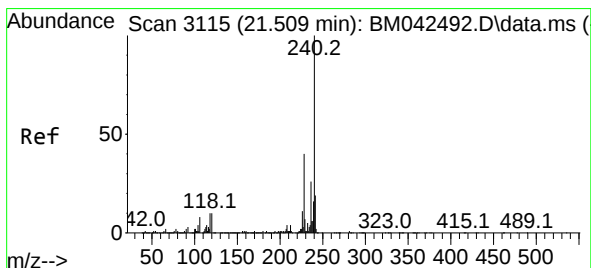
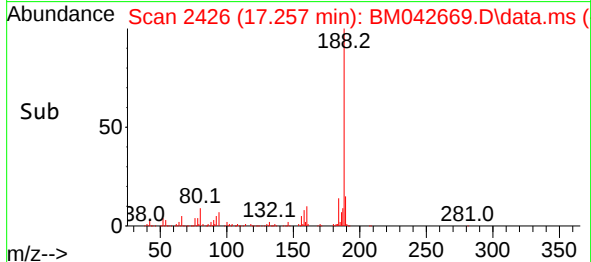
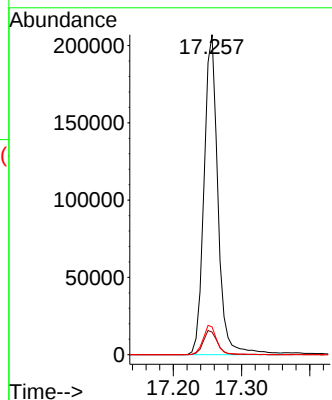
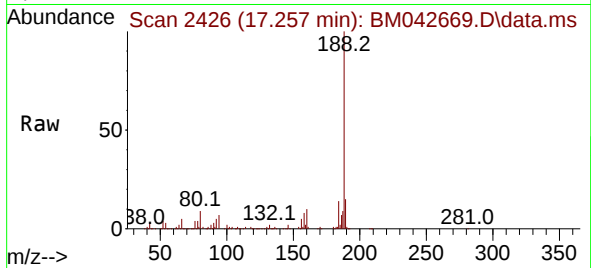




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM042669.D
Acq: 09 Nov 2023 13:15

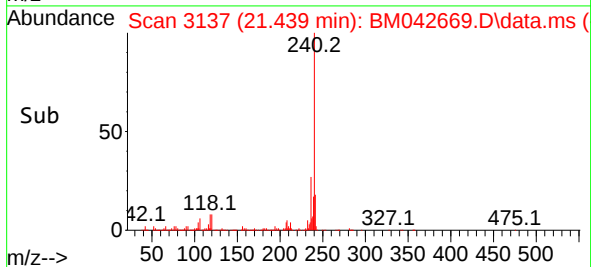
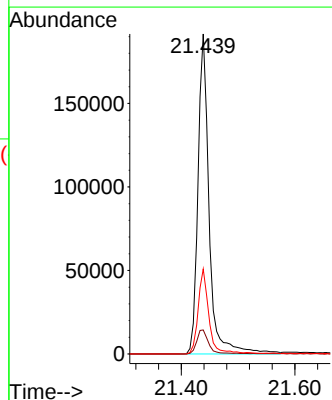
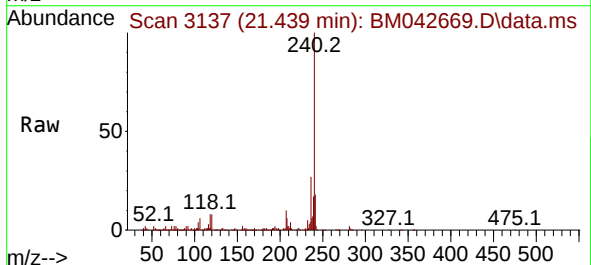
Instrument :
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Tgt Ion:188 Resp: 294533
Ion Ratio Lower Upper
188 100
94 7.0 8.2 12.4#
80 8.7 9.4 14.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM042669.D
Acq: 09 Nov 2023 13:15

Tgt Ion:240 Resp: 262988
Ion Ratio Lower Upper
240 100
120 7.5 8.3 12.5#
236 26.6 20.8 31.2

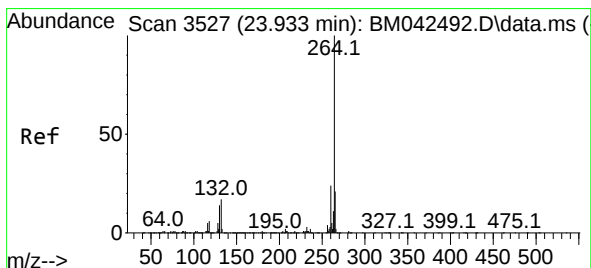
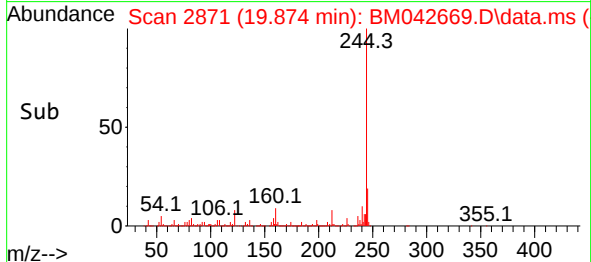
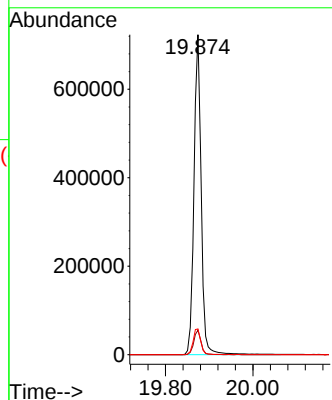
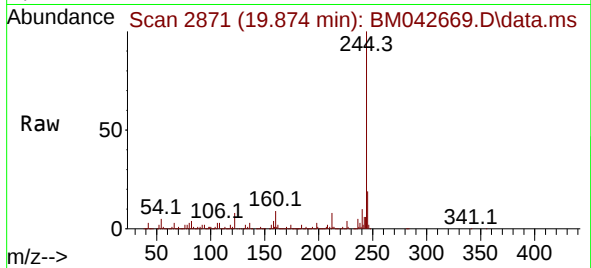




#79
 Terphenyl-d14
 Concen: 53.638 ng
 RT: 19.874 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042669.D
 Acq: 09 Nov 2023 13:15

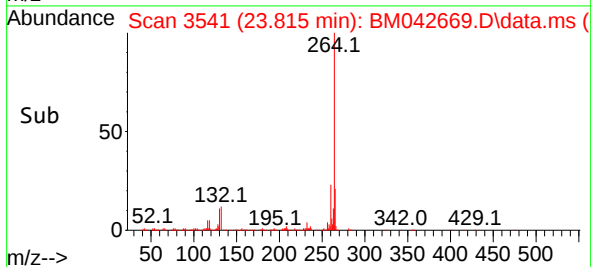
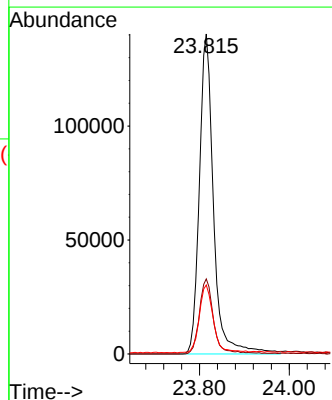
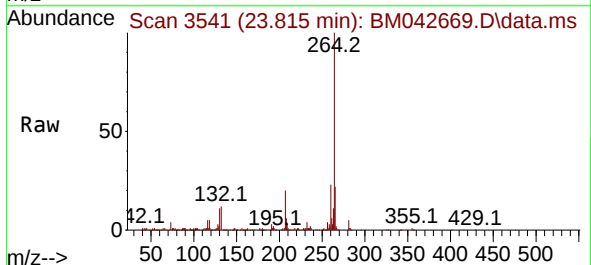
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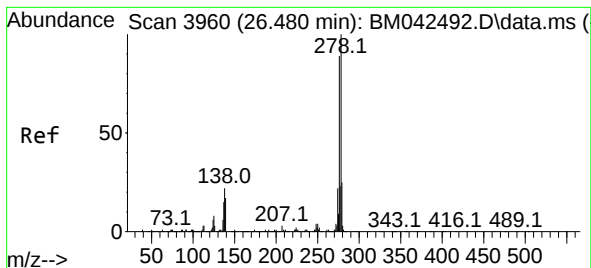
Tgt Ion:244 Resp: 831917
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 8.1 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.815 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: BM042669.D
 Acq: 09 Nov 2023 13:15

Tgt Ion:264 Resp: 307167
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.6 18.7 28.1





#91

Dibenzo(a,h)anthracene

Concen: 4.141 ng

RT: 26.344 min Scan# 39

Delta R.T. 0.030 min

Lab File: BM042669.D

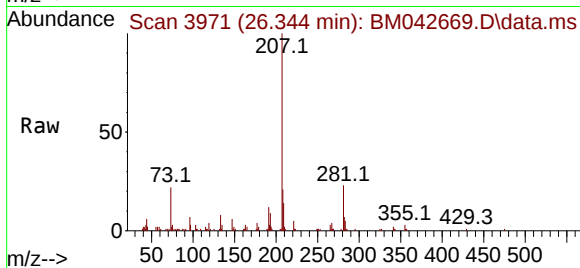
Acq: 09 Nov 2023 13:15

Instrument :

BNA_M

ClientSampleId :

PB156951BL



Tgt Ion:278 Resp: 62

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.2#

279 0.0 19.7 29.5#

