

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
 Data File : BM042565.D
 Acq On : 02 Nov 2023 17:25
 Operator : MA/JU
 Sample : 04938-18DL2 50X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0-3(5-10)DL2

Quant Time: Nov 02 22:42:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

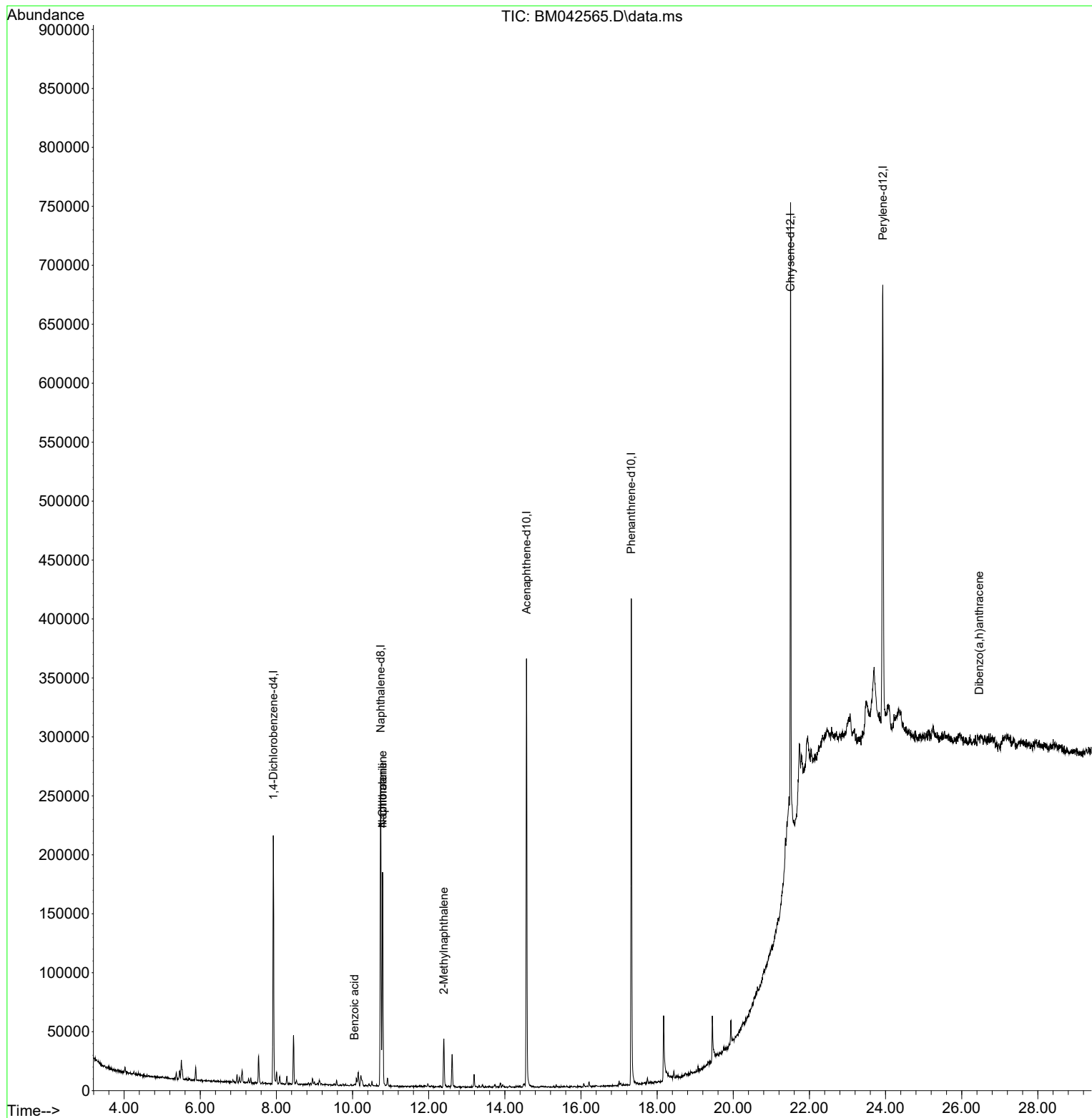
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	50344	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	193314	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	114484	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	246542	20.000	ng	# 0.00
76) Chrysene-d12	21.503	240	262363	20.000	ng	0.00
86) Perylene-d12	23.927	264	309249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	2706	0.867	ng	0.00
7) Phenol-d6	7.093	99	3610	0.844	ng	0.00
23) Nitrobenzene-d5	9.134	82	2734	0.659	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	773	0.517	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	6762	0.795	ng	0.00
79) Terphenyl-d14	19.939	244	11329	0.732	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.786	128	130858	13.102	ng	99
32) Benzoic acid	10.045	122	121	4.159	ng	# 55
33) 4-Chloroaniline	10.786	127	17045	4.377	ng	# 33
37) 2-Methylnaphthalene	12.398	142	19660	2.795	ng	93
91) Dibenzo(a,h)anthracene	26.462	278	276	4.153	ng	# 1

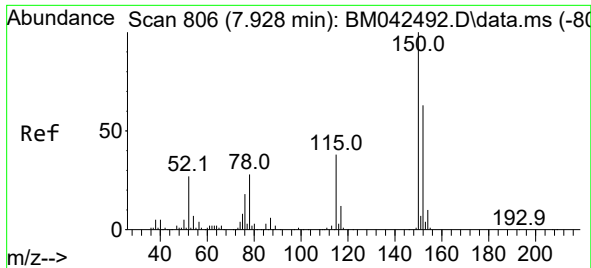
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

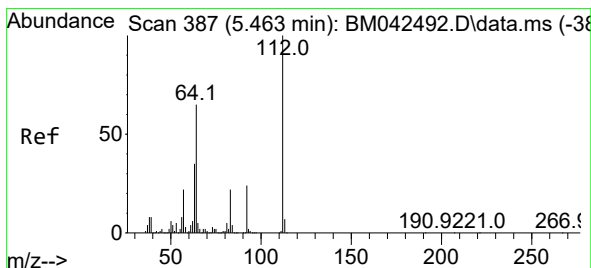
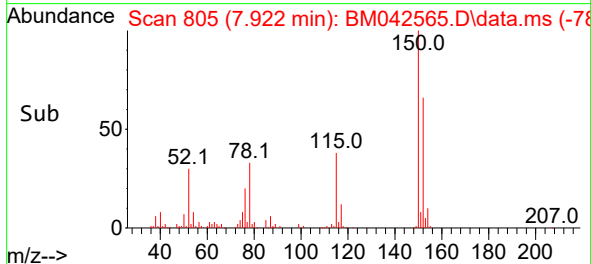
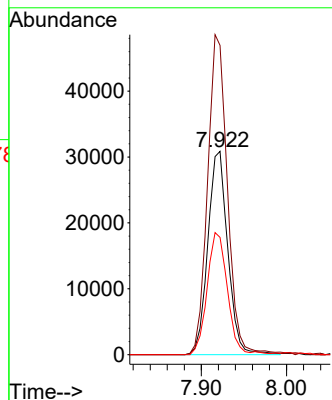
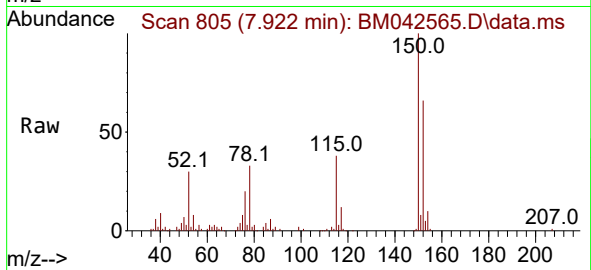




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042565.D
Acq: 02 Nov 2023 17:25

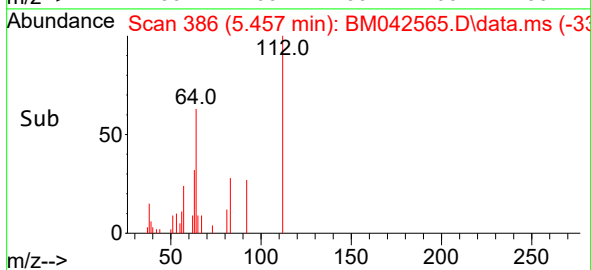
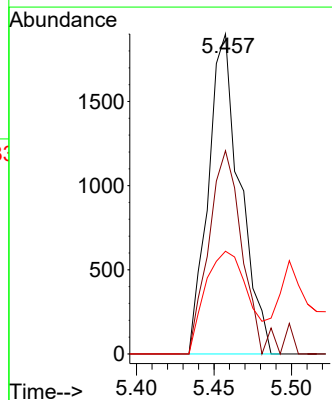
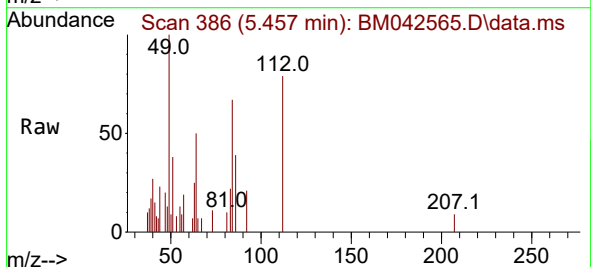
Instrument :
BNA_M
ClientSampleId :
0-3(5-10)DL2

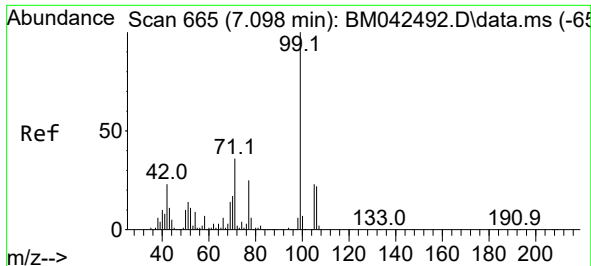
Tgt Ion:152 Resp: 50344
Ion Ratio Lower Upper
152 100
150 152.1 127.4 191.0
115 57.6 47.9 71.9



#5
2-Fluorophenol
Concen: 0.867 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042565.D
Acq: 02 Nov 2023 17:25

Tgt Ion:112 Resp: 2706
Ion Ratio Lower Upper
112 100
64 63.5 52.1 78.1
63 32.1 28.3 42.5

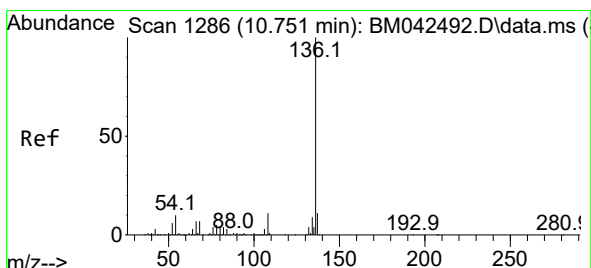
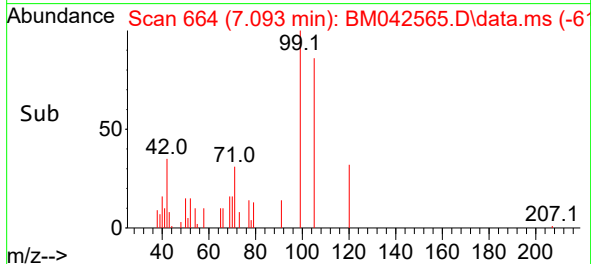
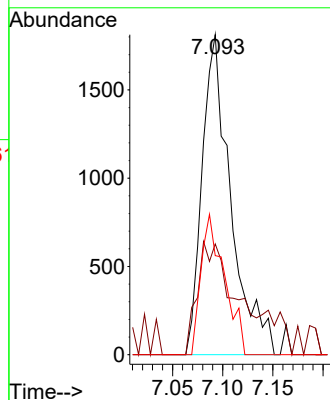
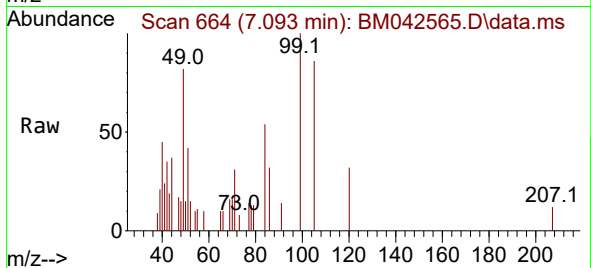




#7
Phenol-d6
Concen: 0.844 ng
RT: 7.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042565.D
Acq: 02 Nov 2023 17:25

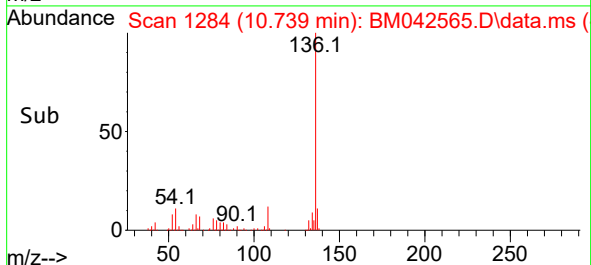
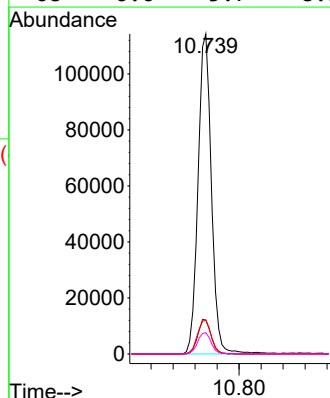
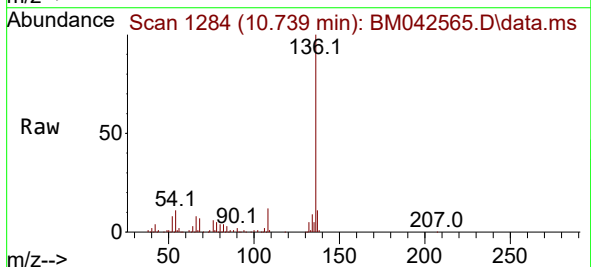
Instrument :
BNA_M
ClientSampleId :
0-3(5-10)DL2

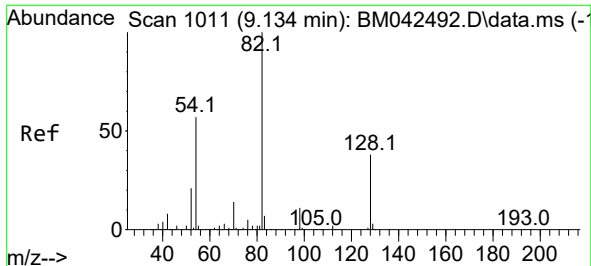
Tgt Ion: 99 Resp: 3610
Ion Ratio Lower Upper
99 100
42 34.6 18.7 28.1#
71 30.9 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042565.D
Acq: 02 Nov 2023 17:25

Tgt Ion:136 Resp: 193314
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.6 8.0 12.0
68 6.6 5.7 8.5

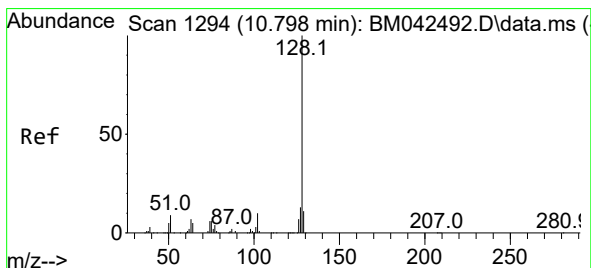
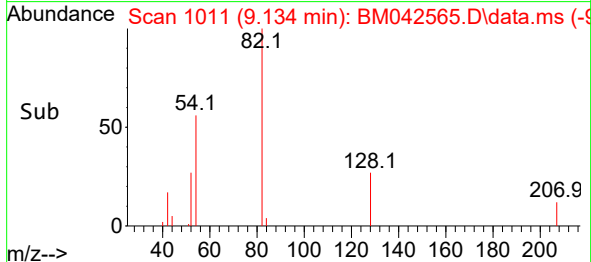
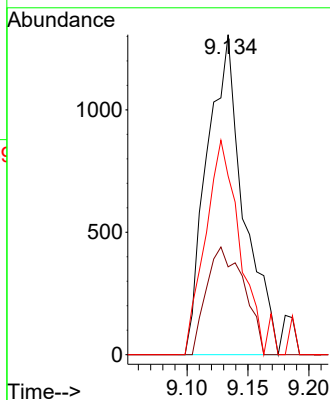
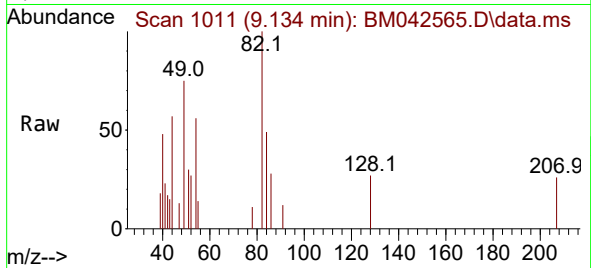




#23
Nitrobenzene-d5
Concen: 0.659 ng
RT: 9.134 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM042565.D
Acq: 02 Nov 2023 17:25

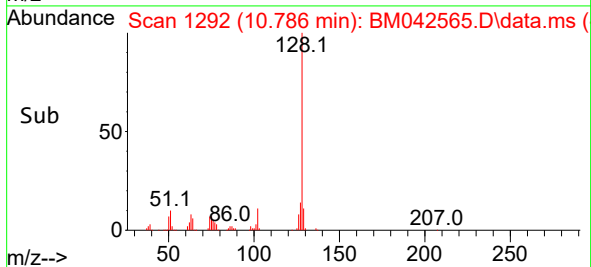
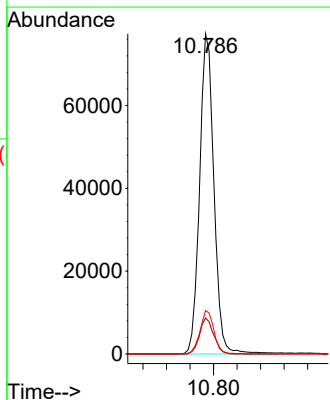
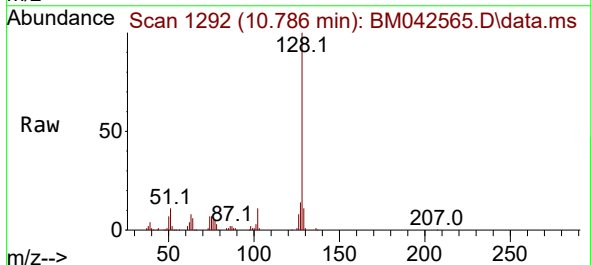
Instrument :
BNA_M
ClientSampleId :
0-3(5-10)DL2

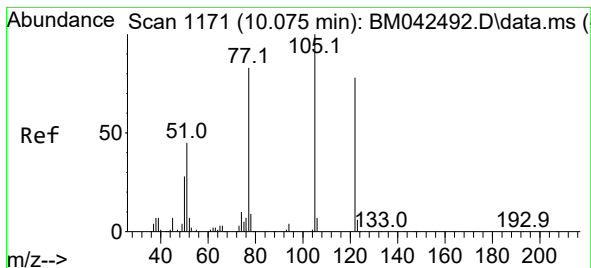
Tgt Ion: 82 Resp: 2734
Ion Ratio Lower Upper
82 100
128 27.5 30.7 46.1#
54 55.9 45.3 67.9



#31
Naphthalene
Concen: 13.102 ng
RT: 10.786 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BM042565.D
Acq: 02 Nov 2023 17:25

Tgt Ion: 128 Resp: 130858
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.6 15.8





#32

Benzoic acid

Concen: 4.159 ng

RT: 10.045 min Scan# 1166

Delta R.T. -0.030 min

Lab File: BM042565.D

Acq: 02 Nov 2023 17:25

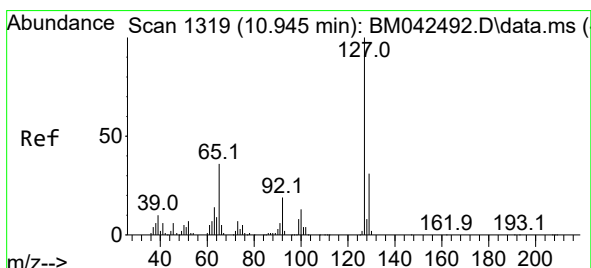
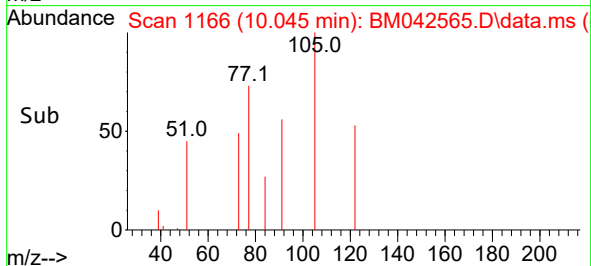
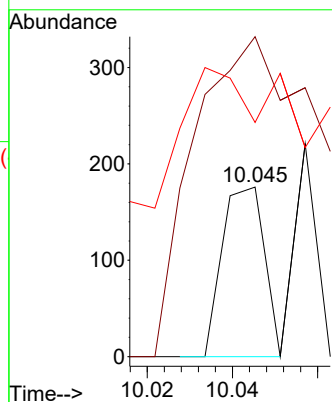
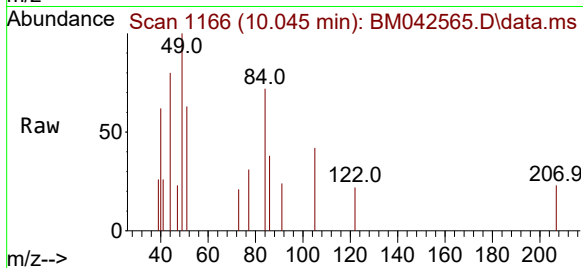
Instrument :

BNA_M

ClientSampleId :

0-3(5-10)DL2

Tgt Ion:	122	Resp:	121
Ion	Ratio	Lower	Upper
122	100		
105	188.6	105.2	145.2#
77	138.1	84.8	124.8#



#33

4-Chloroaniline

Concen: 4.377 ng

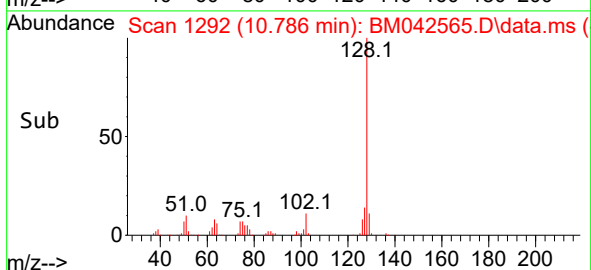
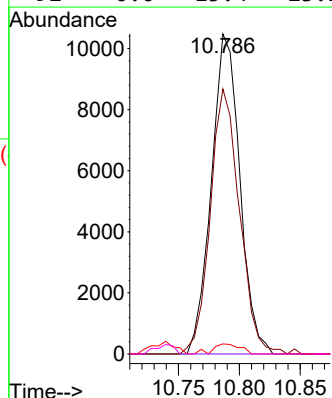
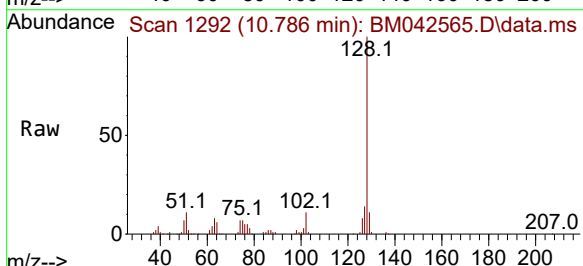
RT: 10.786 min Scan# 1292

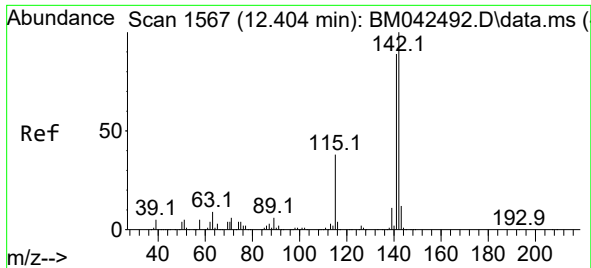
Delta R.T. -0.159 min

Lab File: BM042565.D

Acq: 02 Nov 2023 17:25

Tgt Ion:	127	Resp:	17045
Ion	Ratio	Lower	Upper
127	100		
129	82.8	25.0	37.4#
65	3.2	29.0	43.4#
92	0.0	15.4	23.2#

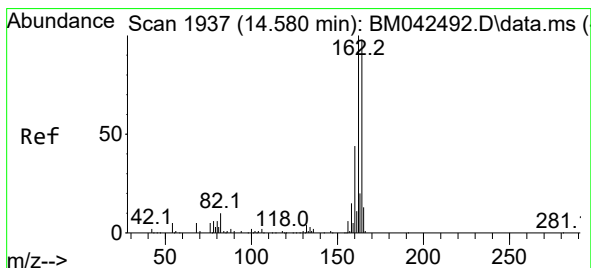
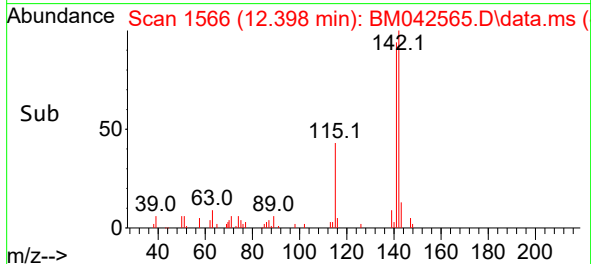
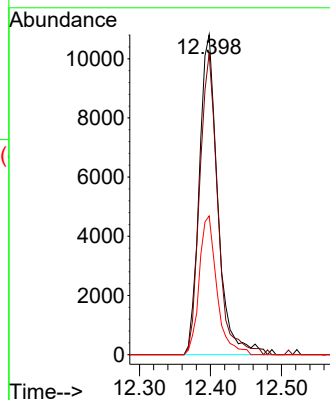
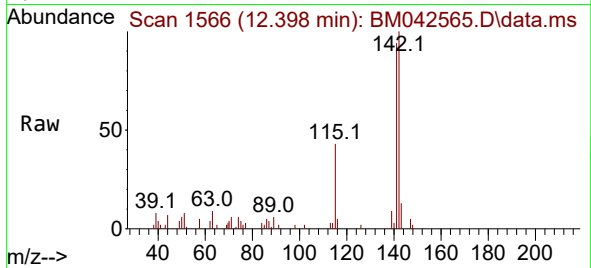




#37
2-Methylnaphthalene
Concen: 2.795 ng
RT: 12.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042565.D
Acq: 02 Nov 2023 17:25

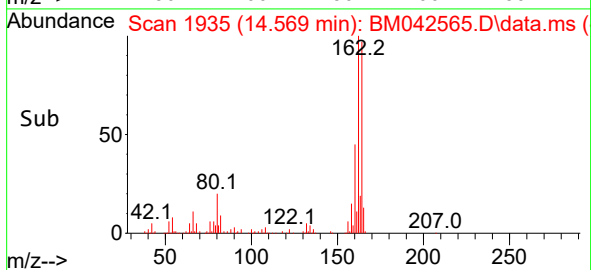
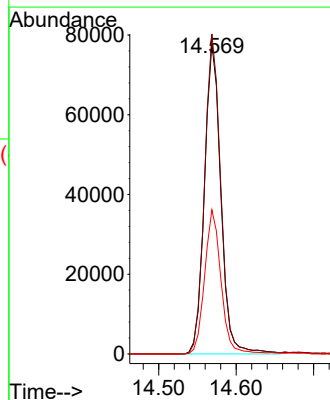
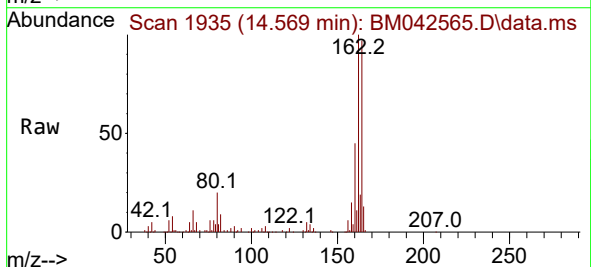
Instrument :
BNA_M
ClientSampleId :
0-3(5-10)DL2

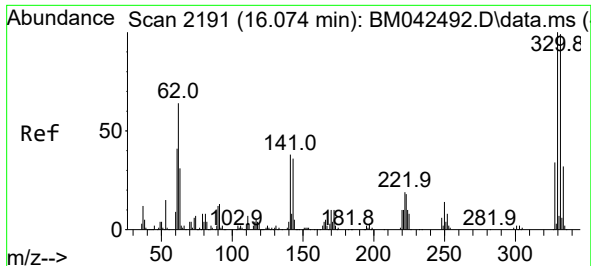
Tgt Ion:142 Resp: 19660
Ion Ratio Lower Upper
142 100
141 94.2 70.9 106.3
115 43.3 30.2 45.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BM042565.D
Acq: 02 Nov 2023 17:25

Tgt Ion:164 Resp: 114484
Ion Ratio Lower Upper
164 100
162 103.2 81.6 122.4
160 46.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 0.517 ng

RT: 16.080 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM042565.D

Acq: 02 Nov 2023 17:25

Instrument :

BNA_M

ClientSampleId :

0-3(5-10)DL2

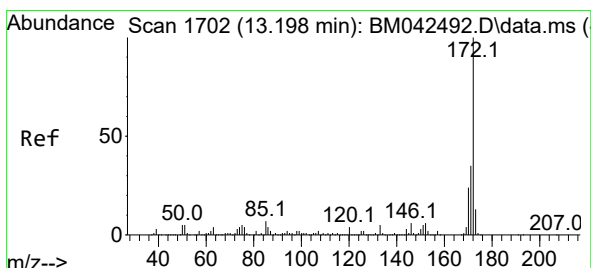
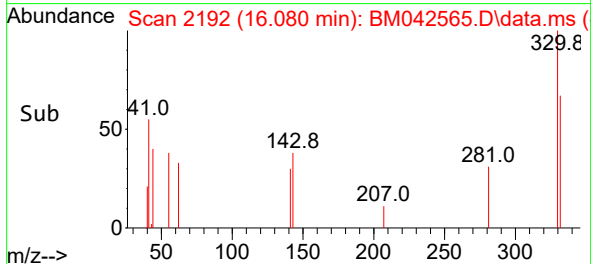
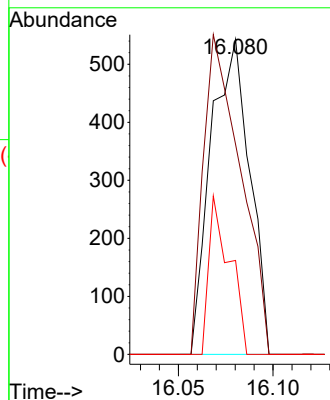
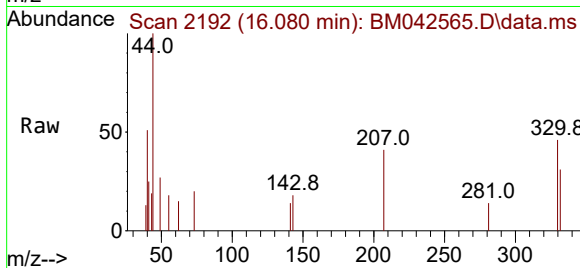
Tgt Ion:330 Resp: 773

Ion Ratio Lower Upper

330 100

332 97.4 78.8 118.2

141 27.0 31.1 46.7#



#45

2-Fluorobiphenyl

Concen: 0.795 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.006 min

Lab File: BM042565.D

Acq: 02 Nov 2023 17:25

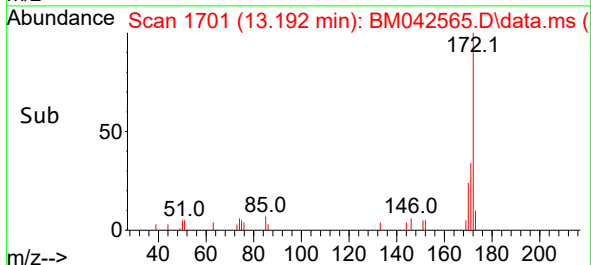
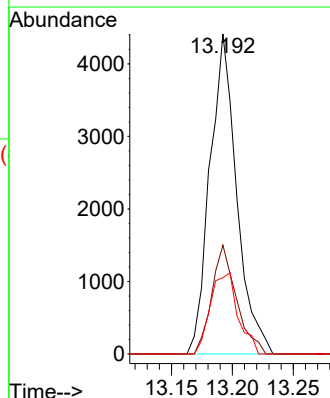
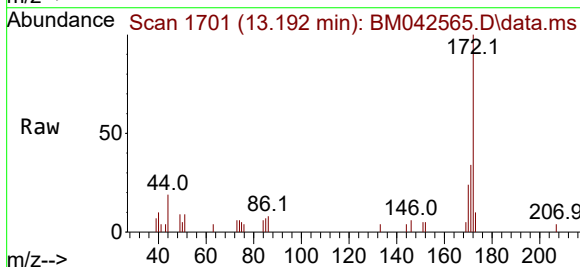
Tgt Ion:172 Resp: 6762

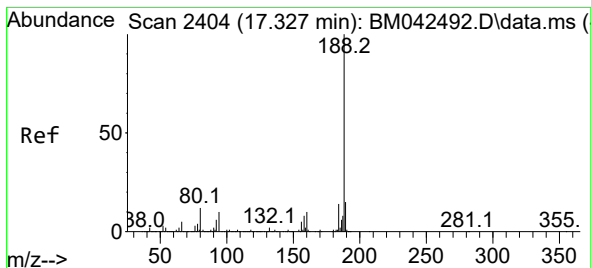
Ion Ratio Lower Upper

172 100

171 34.0 28.2 42.2

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042565.D

Acq: 02 Nov 2023 17:25

Instrument :

BNA_M

ClientSampleId :

0-3(5-10)DL2

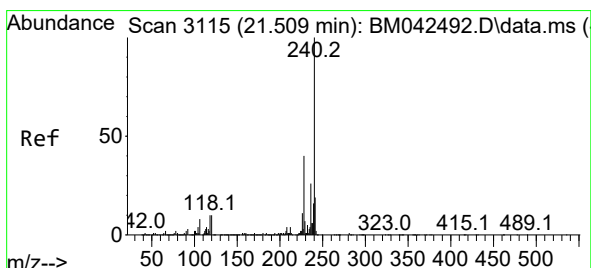
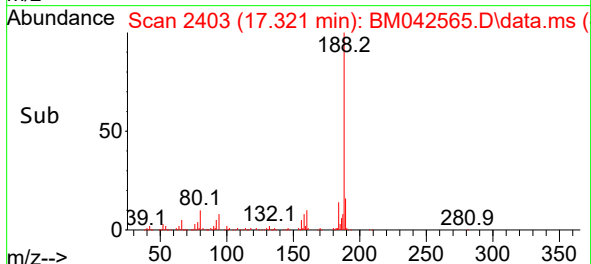
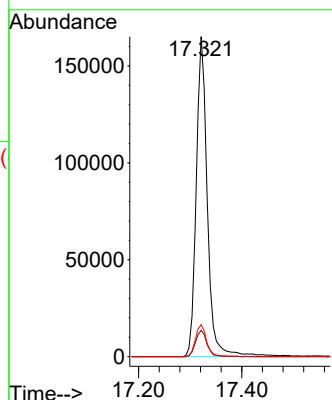
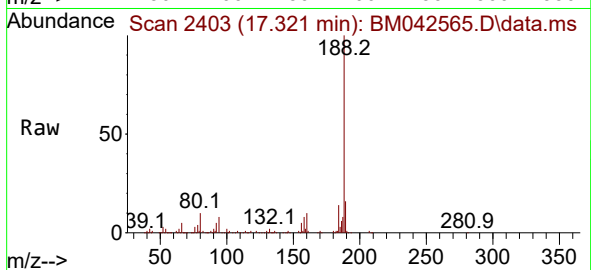
Tgt Ion:188 Resp: 246542

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.4#

80 10.0 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042565.D

Acq: 02 Nov 2023 17:25

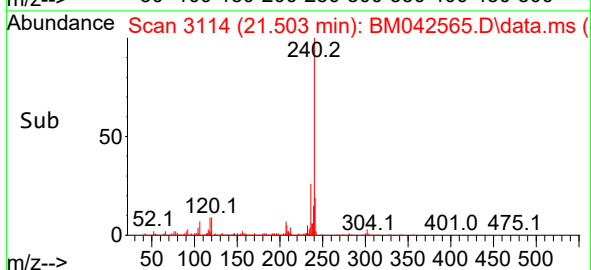
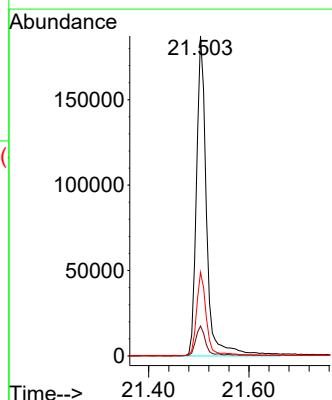
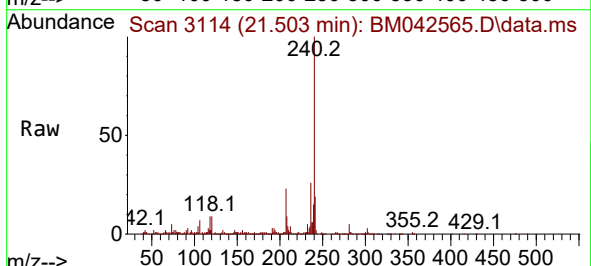
Tgt Ion:240 Resp: 262363

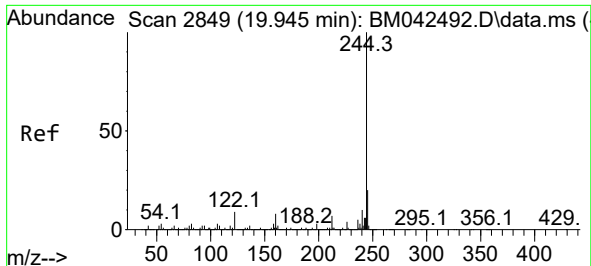
Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

236 26.2 20.8 31.2

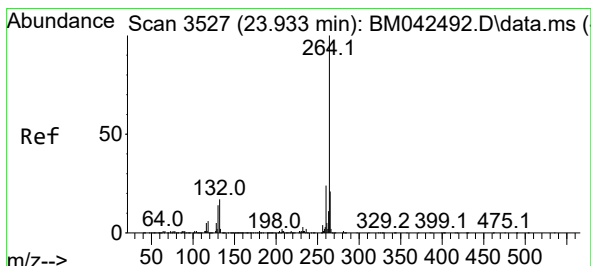
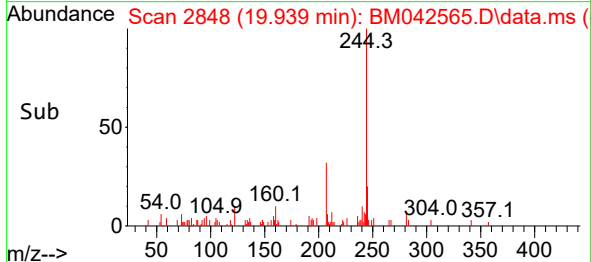
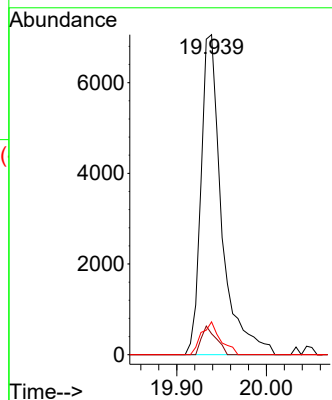
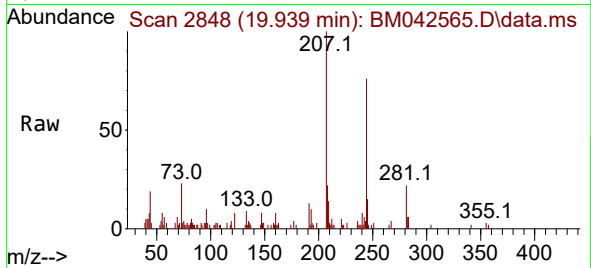




#79
 Terphenyl-d14
 Concen: 0.732 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042565.D
 Acq: 02 Nov 2023 17:25

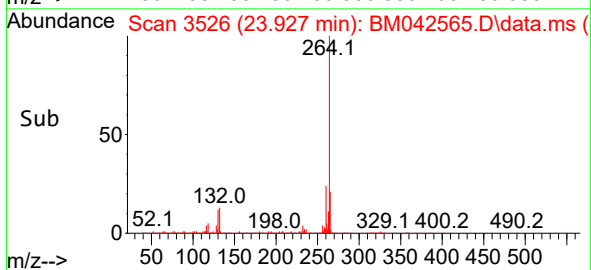
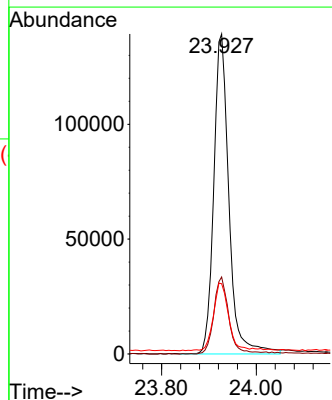
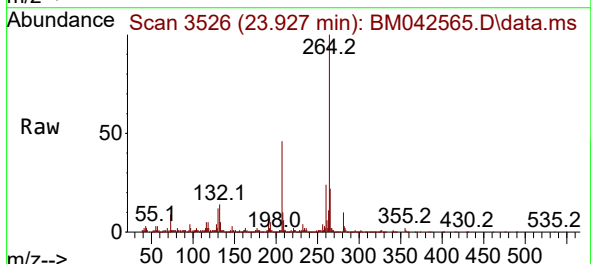
Instrument :
 BNA_M
 ClientSampleId :
 0-3(5-10)DL2

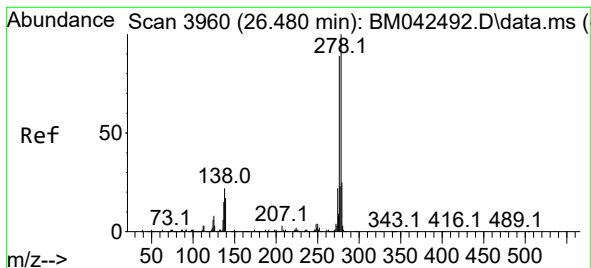
Tgt Ion:244 Resp: 11329
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.3 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.927 min Scan# 3526
 Delta R.T. -0.006 min
 Lab File: BM042565.D
 Acq: 02 Nov 2023 17:25

Tgt Ion:264 Resp: 309249
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.9 18.7 28.1





#91

Dibenzo(a,h)anthracene

Concen: 4.153 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.018 min

Lab File: BM042565.D

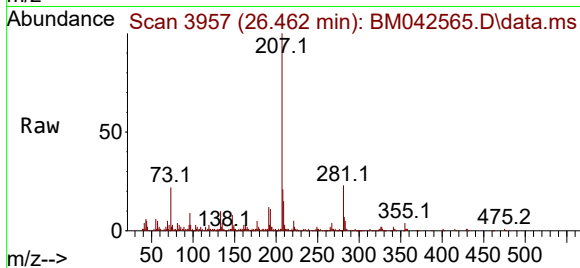
Acq: 02 Nov 2023 17:25

Instrument :

BNA_M

ClientSampleId :

0-3(5-10)DL2



Tgt Ion:278 Resp: 276

Ion Ratio Lower Upper

278 100

139 92.8 13.4 20.2#

279 102.4 19.7 29.5#

