

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042501.D
 Acq On : 30 Oct 2023 19:31
 Operator : MA/JU
 Sample : 04909-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LCOL-12RE

Quant Time: Oct 31 03:46:07 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)

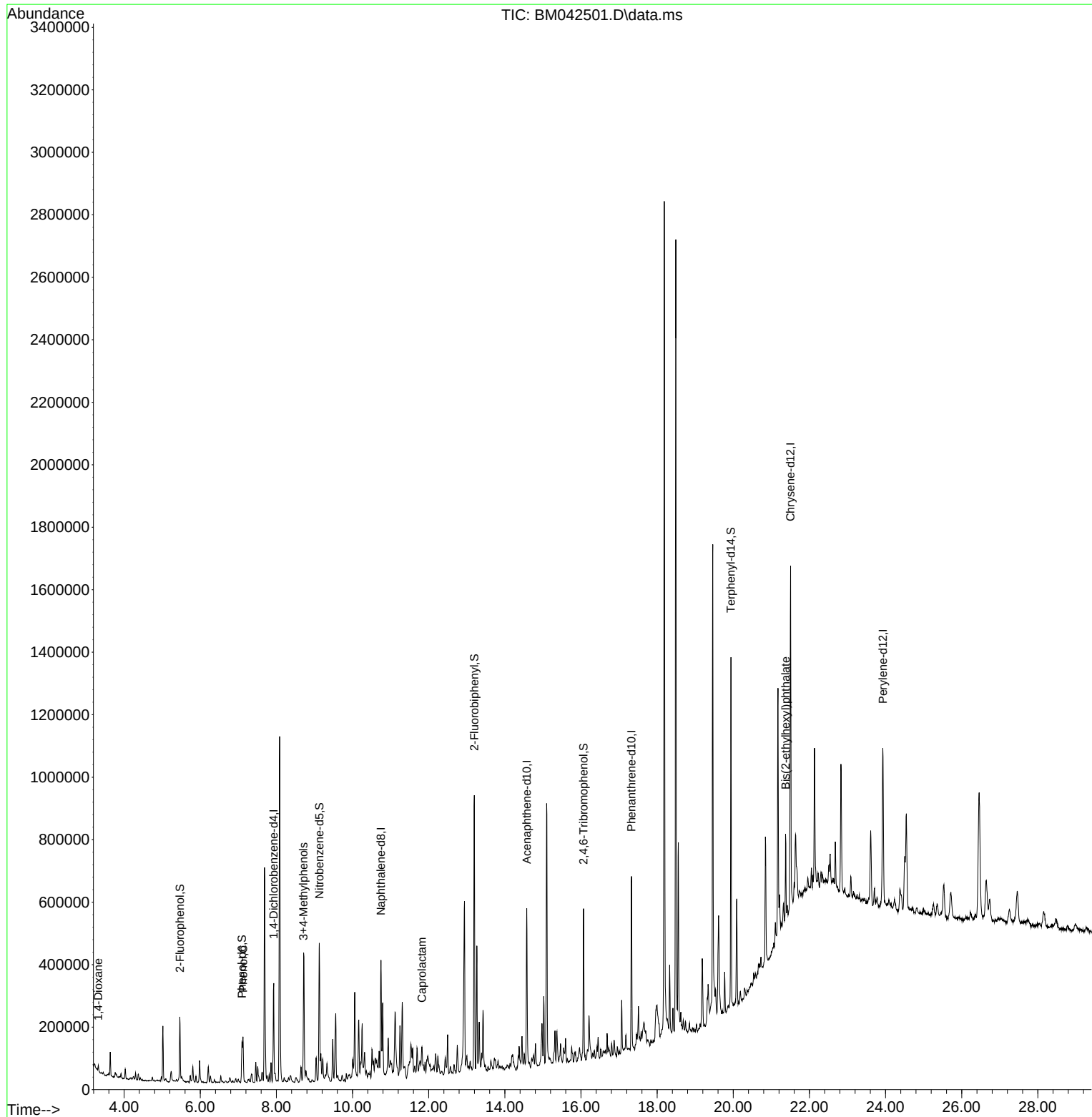
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	69082	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	266388	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	152563	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	317590	20.000	ng	0.00
76) Chrysene-d12	21.503	240	316482	20.000	ng	0.00
86) Perylene-d12	23.927	264	380683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	77668	18.145	ng	0.00
7) Phenol-d6	7.092	99	65656	11.184	ng	0.00
23) Nitrobenzene-d5	9.128	82	241831	42.319	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	68686	34.484	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	404540	35.680	ng	0.00
79) Terphenyl-d14	19.939	244	471985	25.287	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	6662	3.266	ng	# 82
10) Phenol	7.122	94	69540	11.664	ng	98
20) 3+4-Methylphenols	8.710	107	50509	8.949	ng	96
35) Caprolactam	11.822	113	15052	11.190	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.374	149	88979	6.343	ng	97

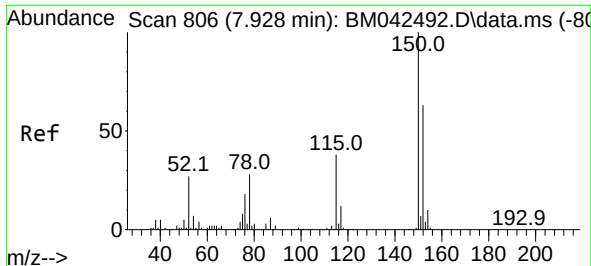
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
Data File : BM042501.D
Acq On : 30 Oct 2023 19:31
Operator : MA/JU
Sample : 04909-01RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LCOL-12RE

Quant Time: Oct 31 03:46:07 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

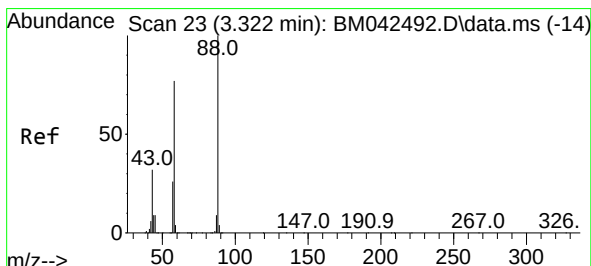
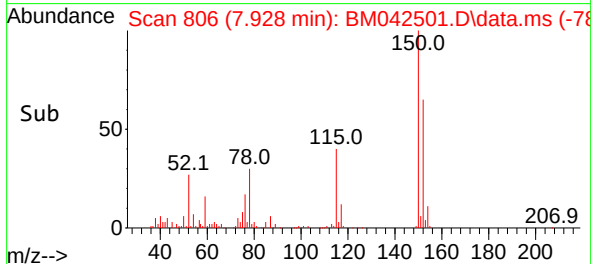
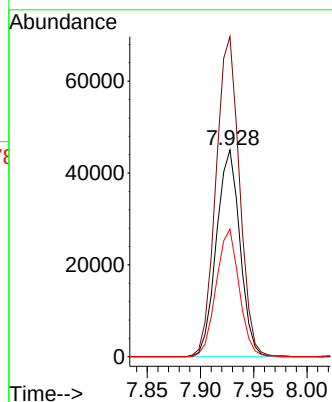
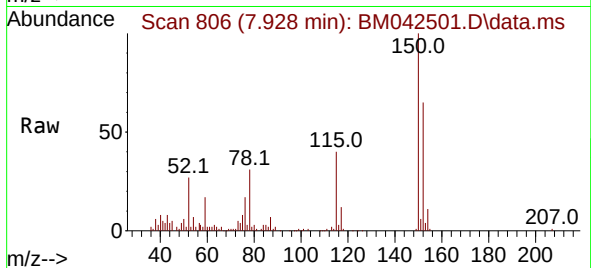




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.928 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BM042501.D
 Acq: 30 Oct 2023 19:31

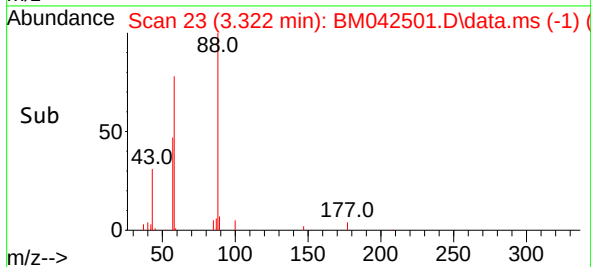
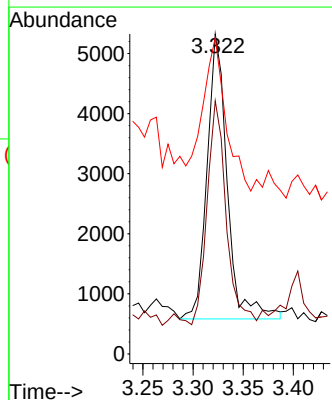
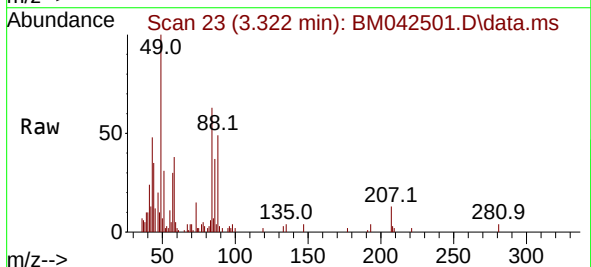
Instrument :
 BNA_M
 ClientSampleId :
 LCOL-12RE

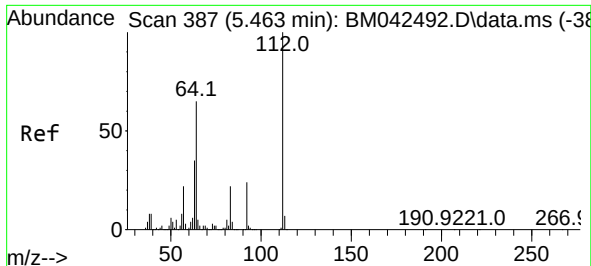
Tgt Ion:152 Resp: 69082
 Ion Ratio Lower Upper
 152 100
 150 154.8 127.4 191.0
 115 61.7 47.9 71.9



#2
 1,4-Dioxane
 Concen: 3.266 ng
 RT: 3.322 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BM042501.D
 Acq: 30 Oct 2023 19:31

Tgt Ion: 88 Resp: 6662
 Ion Ratio Lower Upper
 88 100
 58 74.2 62.6 93.8
 43 61.9 26.5 39.7#

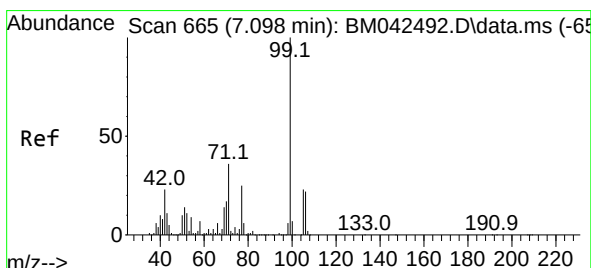
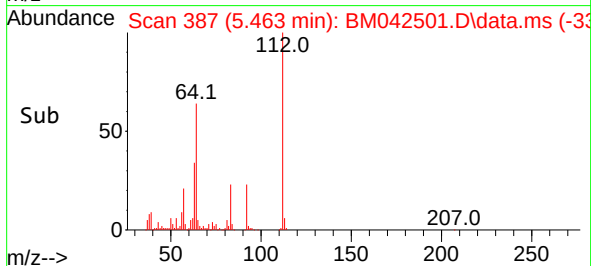
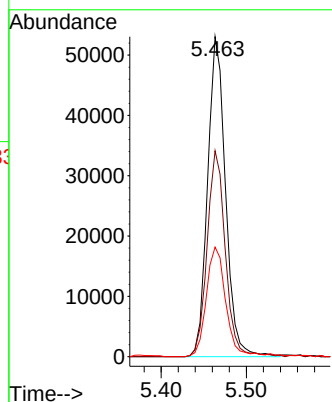
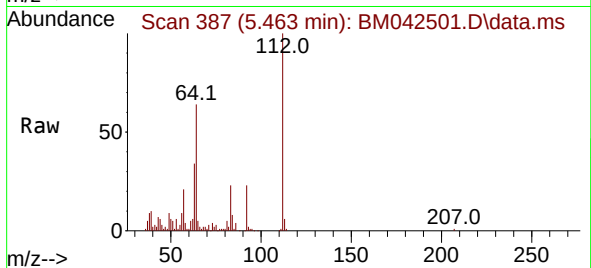




#5
2-Fluorophenol
Concen: 18.145 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042501.D
Acq: 30 Oct 2023 19:31

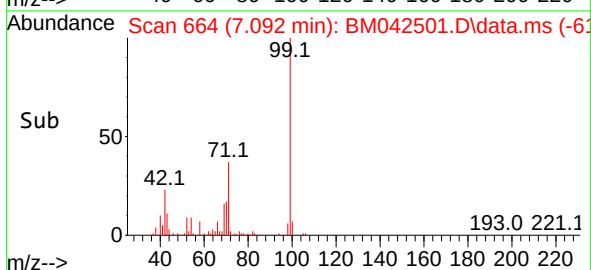
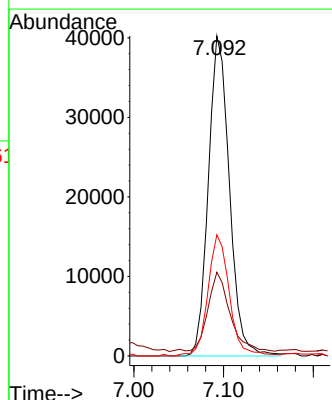
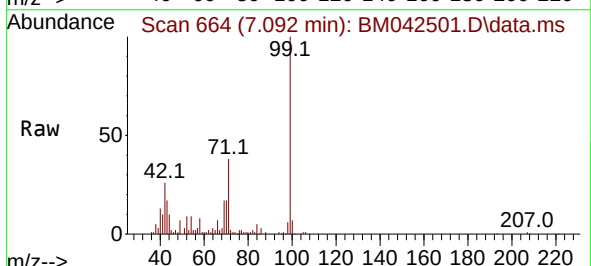
Instrument :
BNA_M
ClientSampleId :
LCOL-12RE

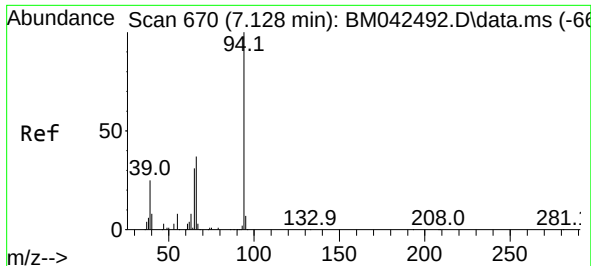
Tgt Ion:	112	Resp:	77668
Ion Ratio	Lower	Upper	
112	100		
64	64.4	52.1	78.1
63	34.3	28.3	42.5



#7
Phenol-d6
Concen: 11.184 ng
RT: 7.092 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM042501.D
Acq: 30 Oct 2023 19:31

Tgt Ion:	99	Resp:	65656
Ion Ratio	Lower	Upper	
99	100		
42	26.2	18.7	28.1
71	37.8	29.1	43.7

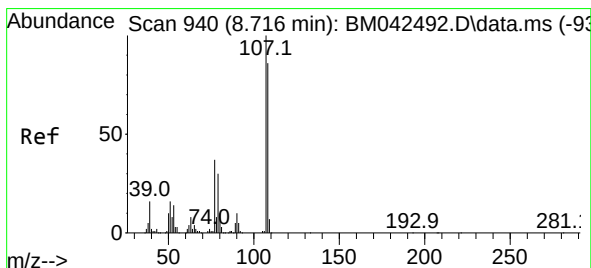
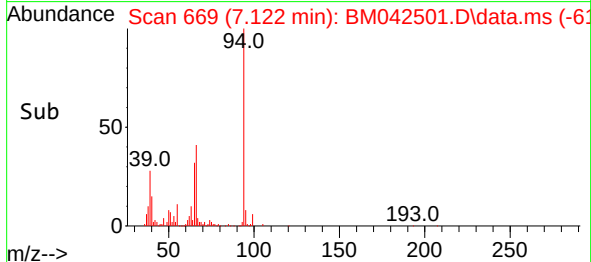
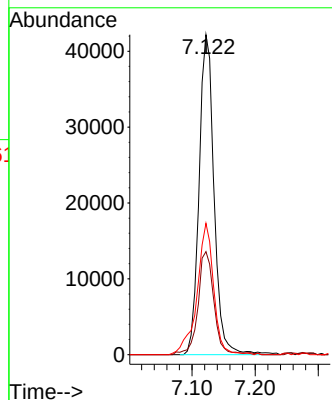
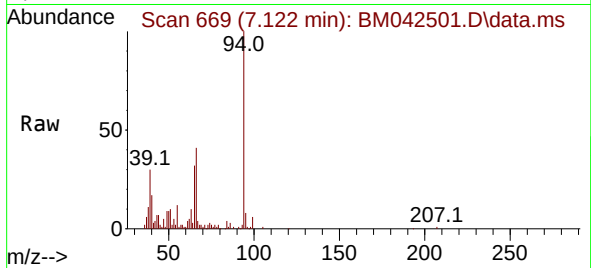




#10
Phenol
Concen: 11.664 ng
RT: 7.122 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042501.D
Acq: 30 Oct 2023 19:31

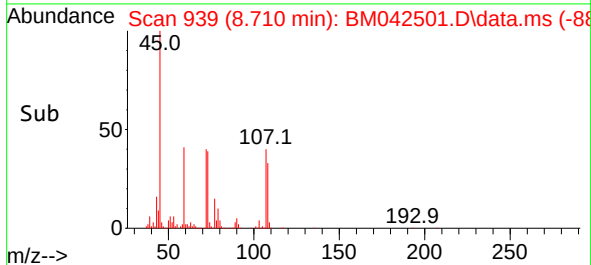
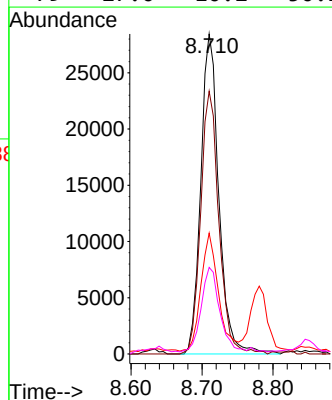
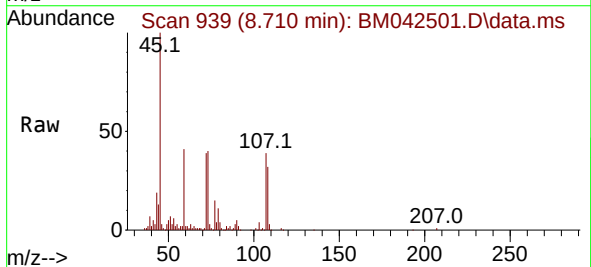
Instrument :
BNA_M
ClientSampleId :
LCOL-12RE

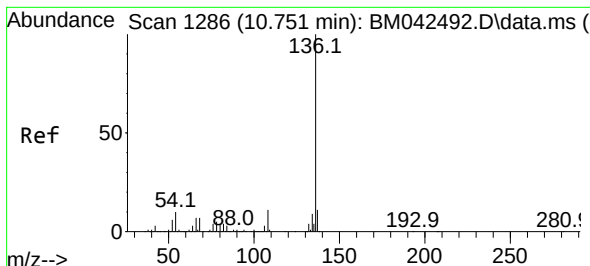
Tgt Ion: 94 Resp: 69540
Ion Ratio Lower Upper
94 100
65 32.2 11.5 51.5
66 41.1 20.0 60.0



#20
3+4-Methylphenols
Concen: 8.949 ng
RT: 8.710 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM042501.D
Acq: 30 Oct 2023 19:31

Tgt Ion: 107 Resp: 50509
Ion Ratio Lower Upper
107 100
108 82.1 66.4 106.4
77 37.8 17.6 57.6
79 27.0 10.2 50.2

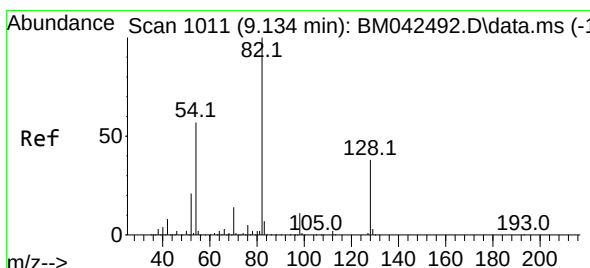
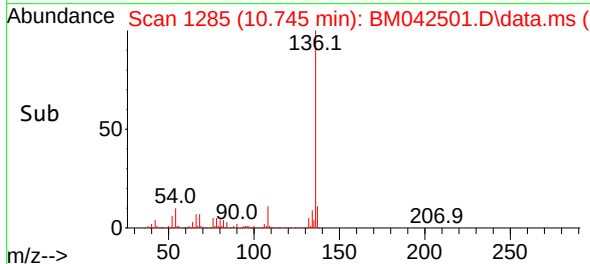
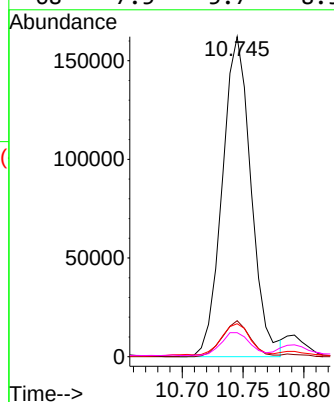
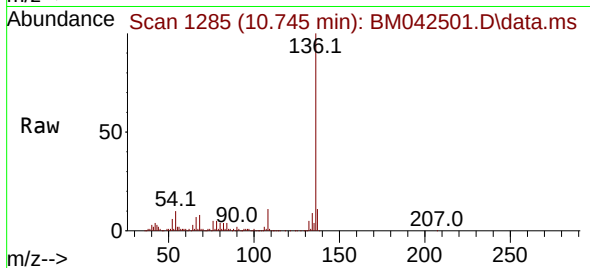




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042501.D
Acq: 30 Oct 2023 19:31

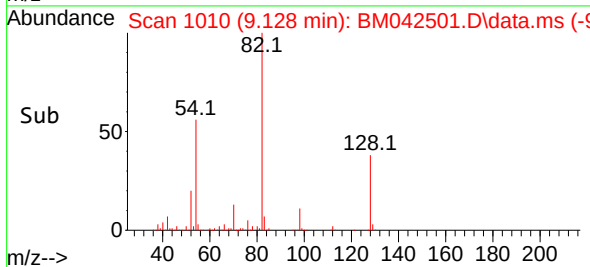
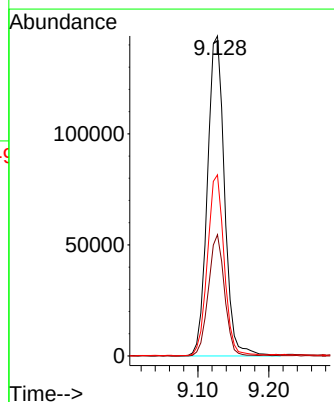
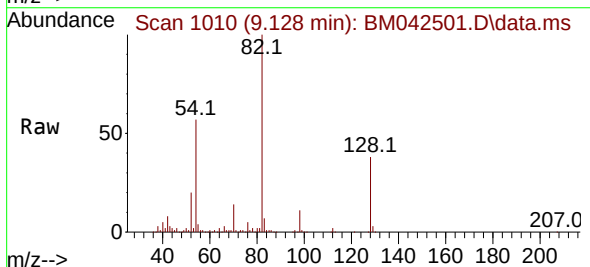
Instrument :
BNA_M
ClientSampleId :
LCOL-12RE

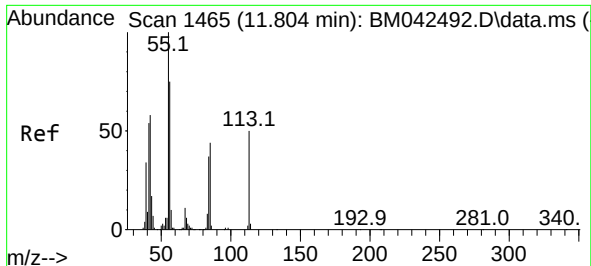
Tgt Ion:	136	Resp:	266388
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.3	8.0	12.0
68	7.5	5.7	8.5



#23
Nitrobenzene-d5
Concen: 42.319 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042501.D
Acq: 30 Oct 2023 19:31

Tgt Ion:	82	Resp:	241831
Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.7	46.1
54	56.6	45.3	67.9

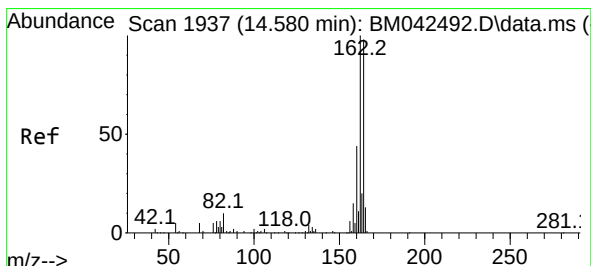
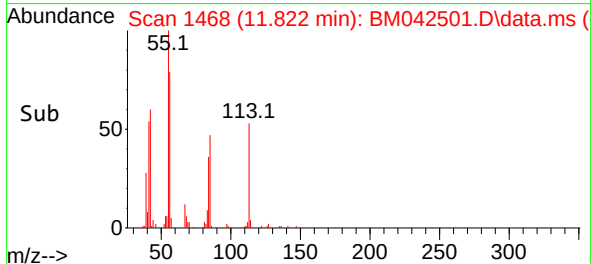
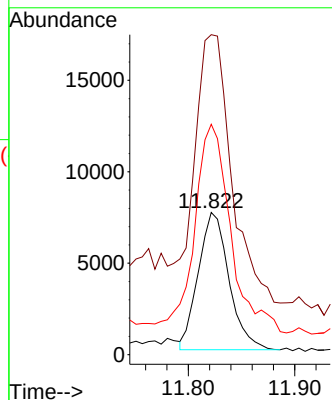
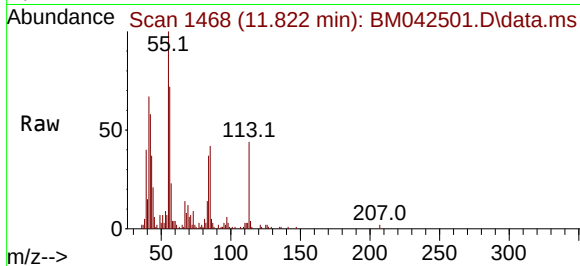




#35
Caprolactam
Concen: 11.190 ng
RT: 11.822 min Scan# 1465
Delta R.T. 0.018 min
Lab File: BM042501.D
Acq: 30 Oct 2023 19:31

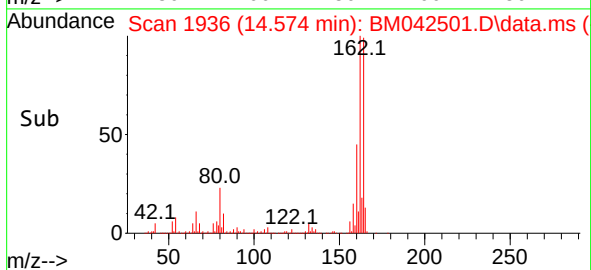
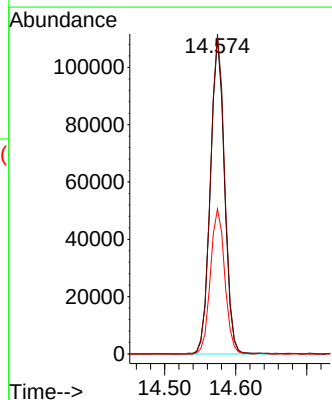
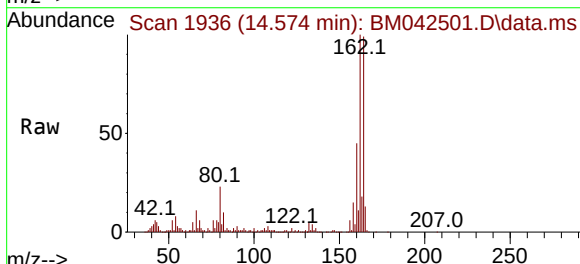
Instrument :
BNA_M
ClientSampleId :
LCOL-12RE

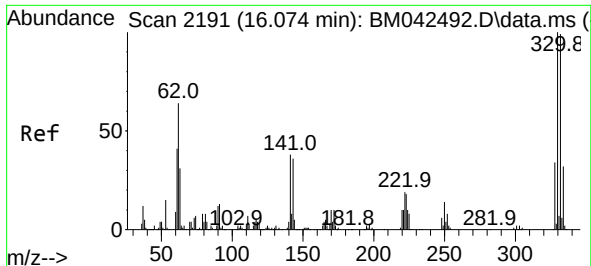
Tgt Ion:113 Resp: 15052
Ion Ratio Lower Upper
113 100
55 225.1 180.9 220.9#
56 162.1 130.0 170.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042501.D
Acq: 30 Oct 2023 19:31

Tgt Ion:164 Resp: 152563
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 45.9 36.2 54.4

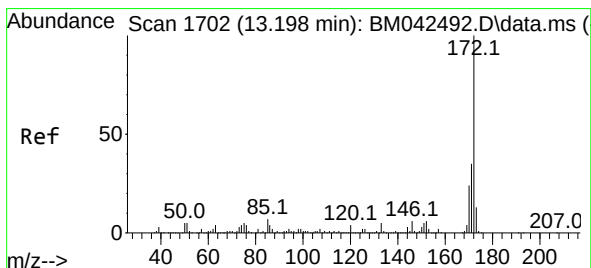
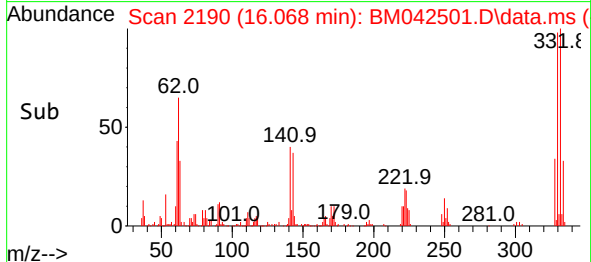
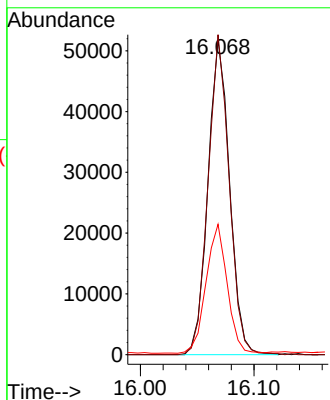
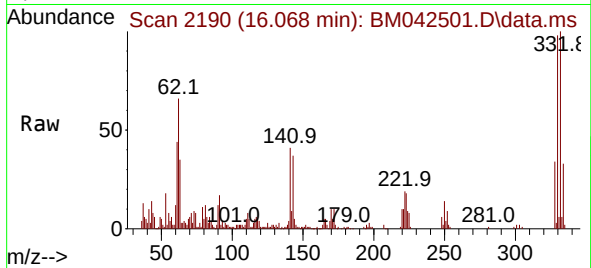




#42
2,4,6-Tribromophenol
Concen: 34.484 ng
RT: 16.068 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM042501.D
Acq: 30 Oct 2023 19:31

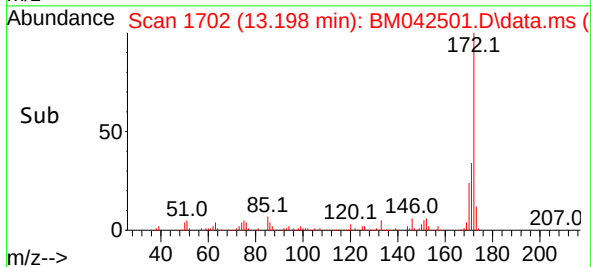
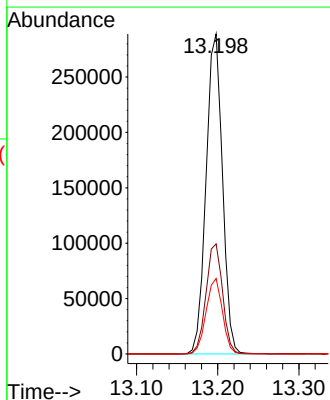
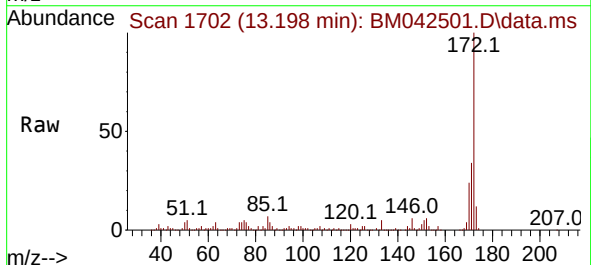
Instrument :
BNA_M
ClientSampleId :
LCOL-12RE

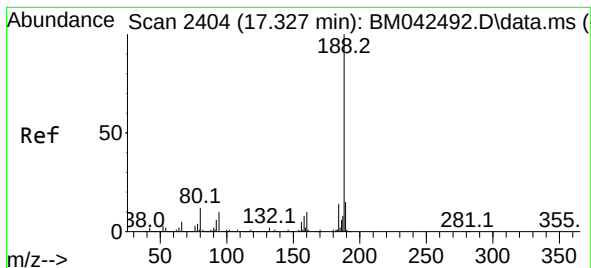
Tgt Ion:330 Resp: 68686
Ion Ratio Lower Upper
330 100
332 98.8 78.8 118.2
141 39.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 35.680 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042501.D
Acq: 30 Oct 2023 19:31

Tgt Ion:172 Resp: 404540
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BM042501.D

Acq: 30 Oct 2023 19:31

Instrument :

BNA_M

ClientSampleId :

LCOL-12RE

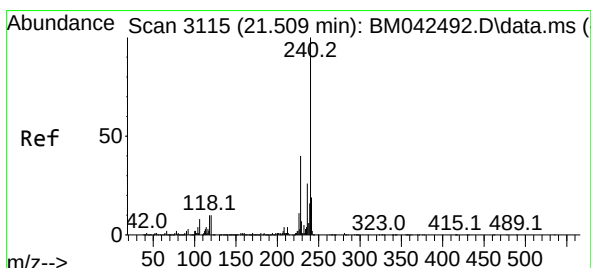
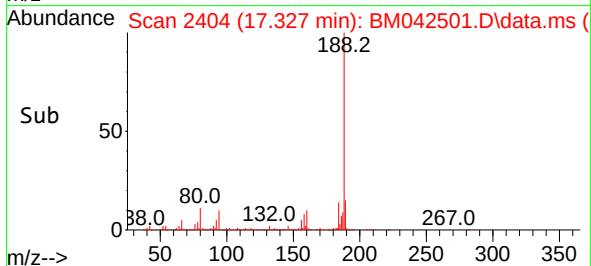
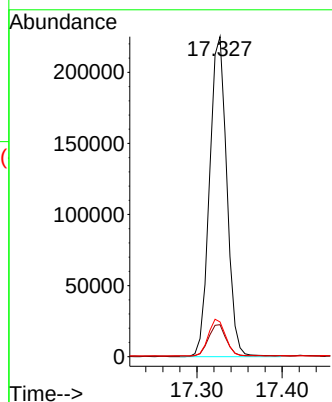
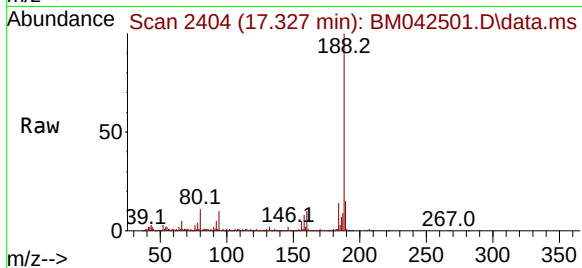
Tgt Ion:188 Resp: 317590

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

80 10.9 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: BM042501.D

Acq: 30 Oct 2023 19:31

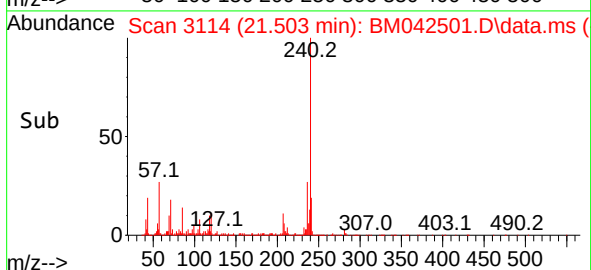
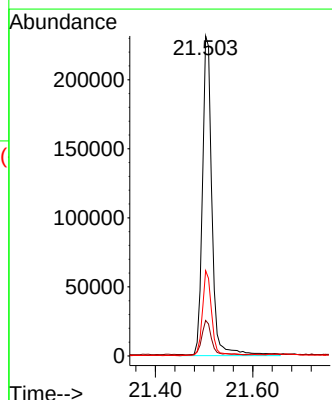
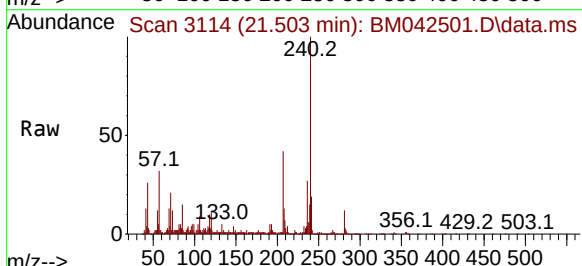
Tgt Ion:240 Resp: 316482

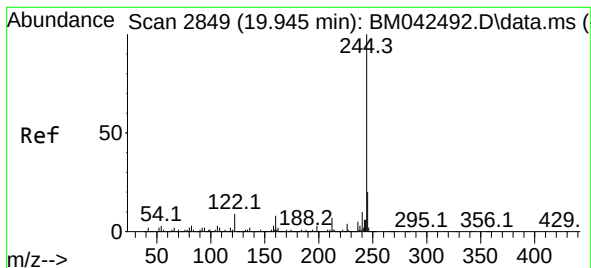
Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

236 26.6 20.8 31.2





#79

Terphenyl-d14

Concen: 25.287 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042501.D

Acq: 30 Oct 2023 19:31

Instrument :

BNA_M

ClientSampleId :

LCOL-12RE

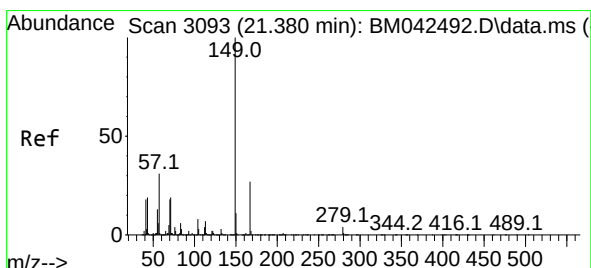
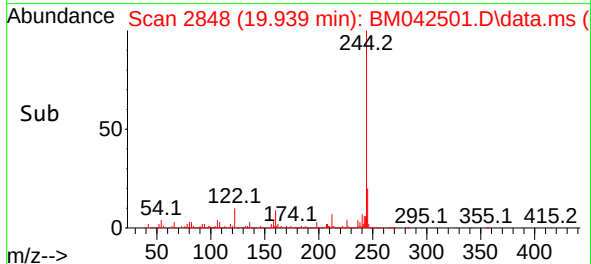
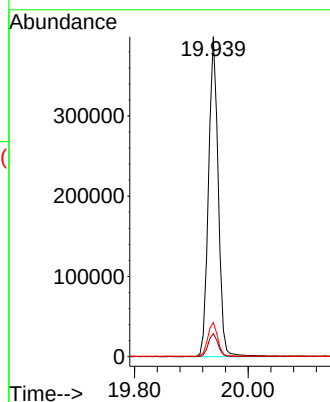
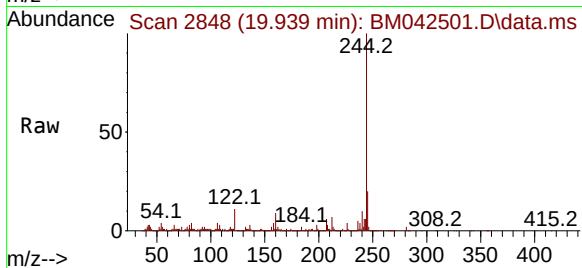
Tgt Ion:244 Resp: 471985

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.7 7.2 10.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.343 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM042501.D

Acq: 30 Oct 2023 19:31

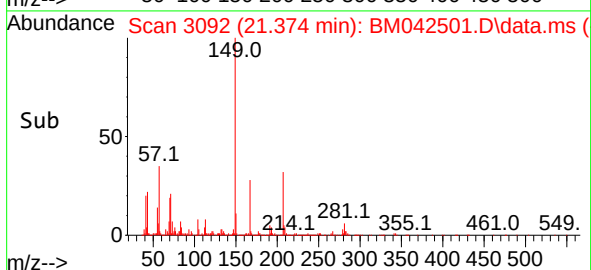
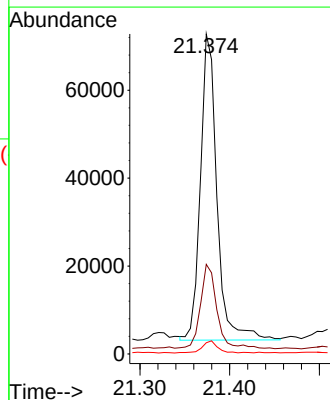
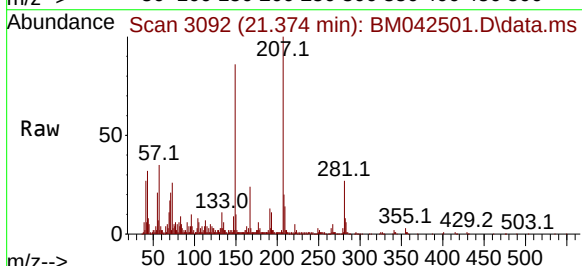
Tgt Ion:149 Resp: 88979

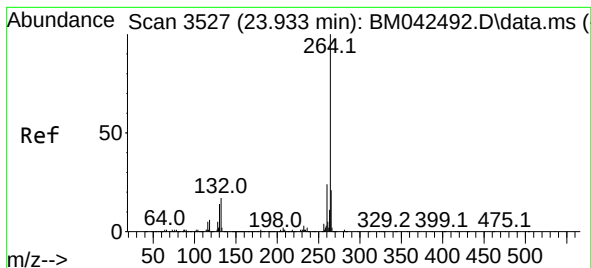
Ion Ratio Lower Upper

149 100

167 28.0 21.4 32.0

279 3.5 3.4 5.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM042501.D

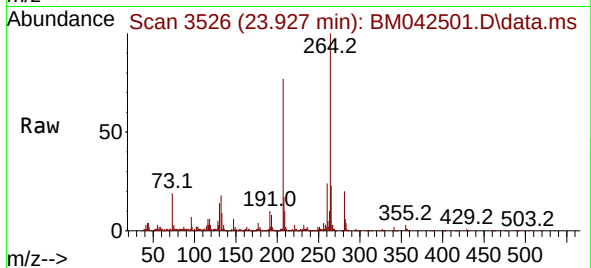
Acq: 30 Oct 2023 19:31

Instrument :

BNA_M

ClientSampleId :

LCOL-12RE



Tgt Ion:264 Resp: 380683

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 22.7 18.7 28.1

