

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033530.D
 Acq On : 18 Dec 2021 21:51
 Operator : CG/JU
 Sample : M4873-03DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A2-4-6.5DL

Quant Time: Dec 20 07:09:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/23/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	36082	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	168466	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	129048	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	273766	20.000	ng	-0.01
76) Chrysene-d12	21.501	240	261444	20.000	ng	#-0.01
86) Perylene-d12	23.912	264	215999	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	17475	8.357	ng	0.00
7) Phenol-d6	7.102	99	26202	9.337	ng	-0.01
23) Nitrobenzene-d5	9.101	82	24898	6.346	ng	-0.01
42) 2,4,6-Tribromophenol	16.066	330	9675	6.665	ng	-0.01
45) 2-Fluorobiphenyl	13.201	172	55978	6.000	ng	-0.01
79) Terphenyl-d14	19.942	244	95953	5.778	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.790	128	265206	29.060	ng	98
37) 2-Methylnaphthalene	12.401	142	289857	45.915	ng	95
38) 1-Methylnaphthalene	12.619	142	143267m	22.752	ng	
46) 1,1'-Biphenyl	13.413	154	23734	2.484	ng	96
71) Phenanthrene	17.366	178	48047	3.153	ng	# 92

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

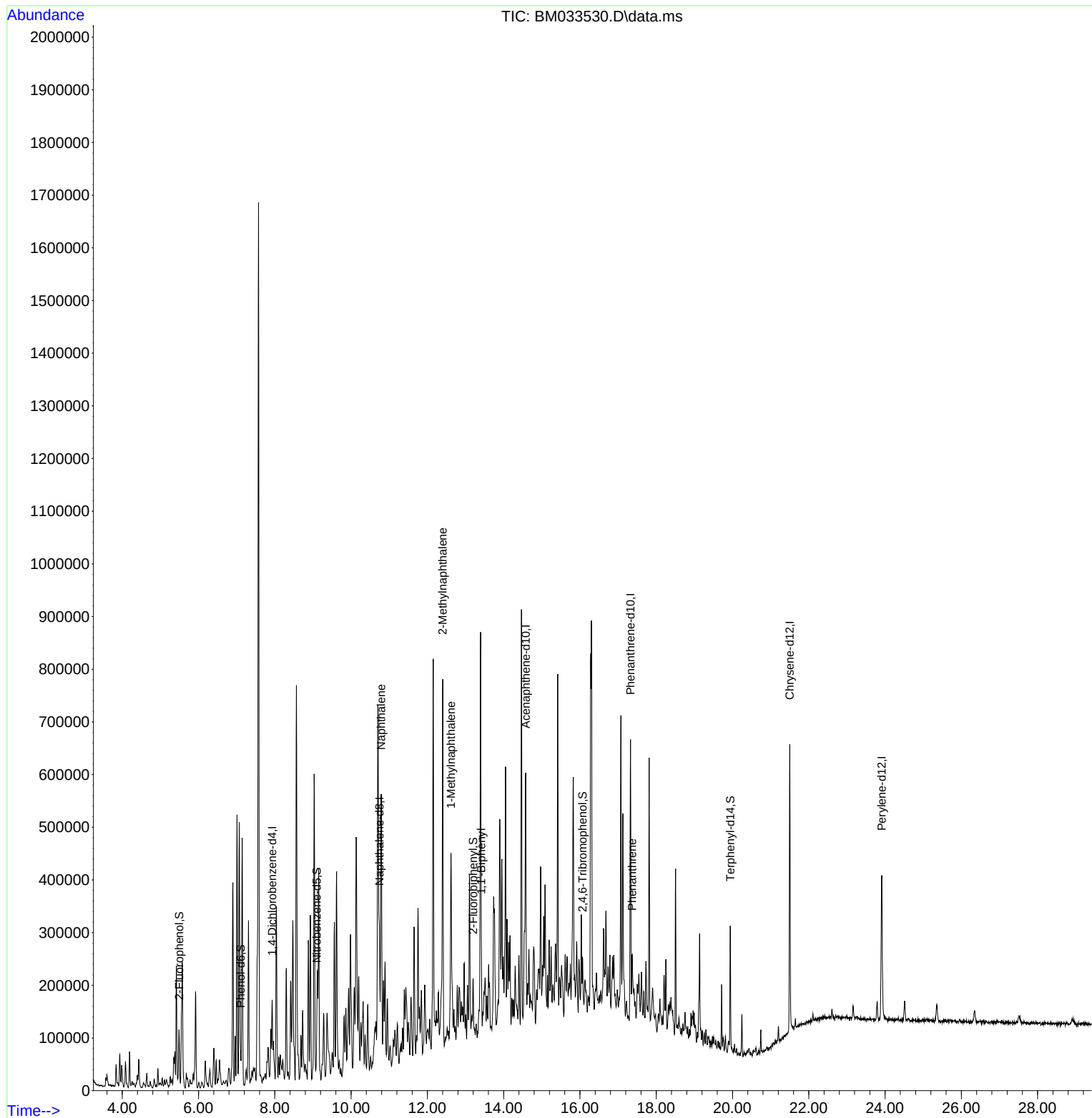
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
Data File : BM033530.D
Acq On : 18 Dec 2021 21:51
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Sample : M4873-03DL 10X
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ALS Vial : 16 Sample Multiplier: 1

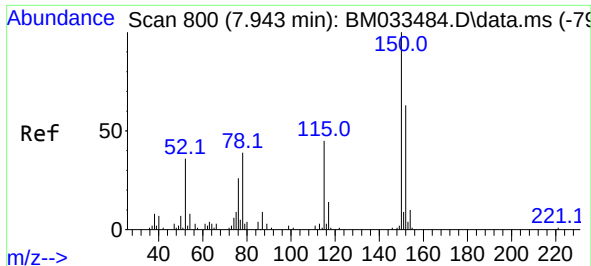
Instrument :
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A2-4-6.5DL

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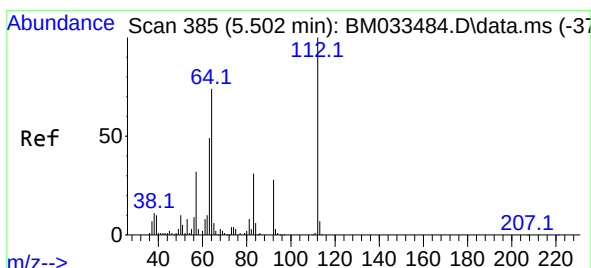
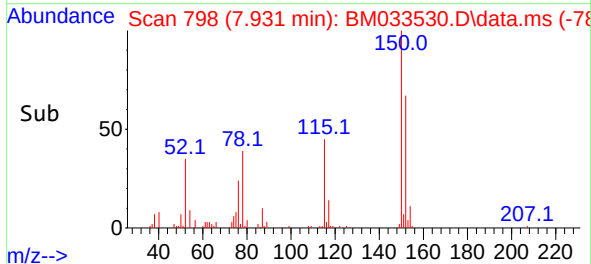
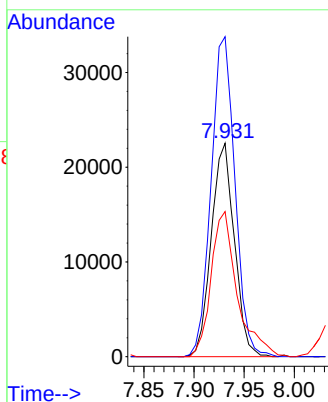
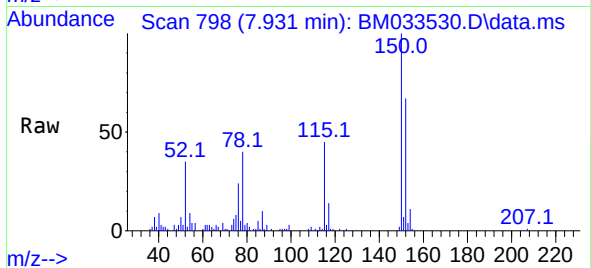
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 798
Delta R.T. -0.012 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51

Instrument :
BNA_M
ClientSampleId :
A2-4-6.5DL

Tgt Ion:152 Resp: 3608
Ion Ratio Lower Upper
152 100
150 150.0 128.9 193.3
115 68.0 53.0 79.6

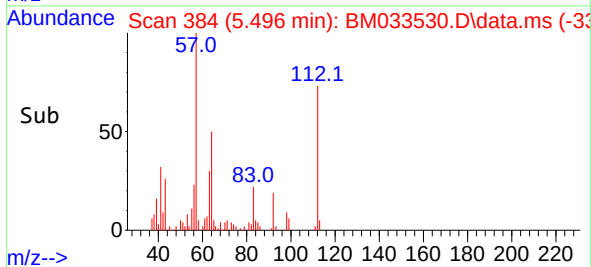
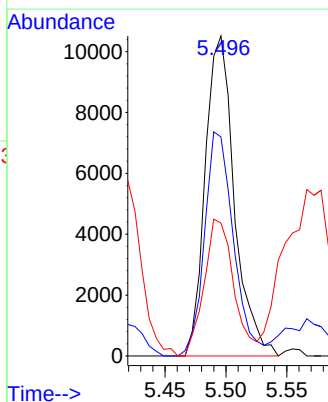
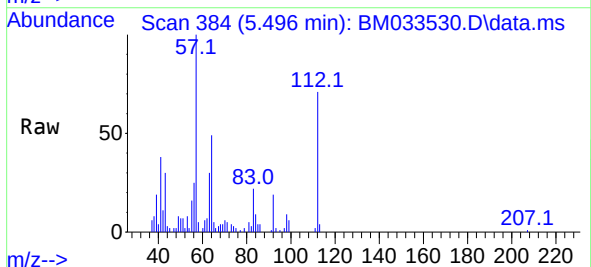
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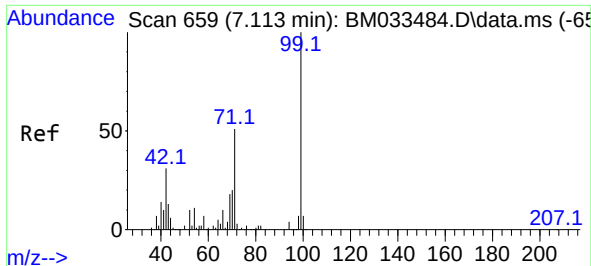
Reviewed By :Christian Giraldo 12/20/2021
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#5
2-Fluorophenol
Concen: 8.357 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51

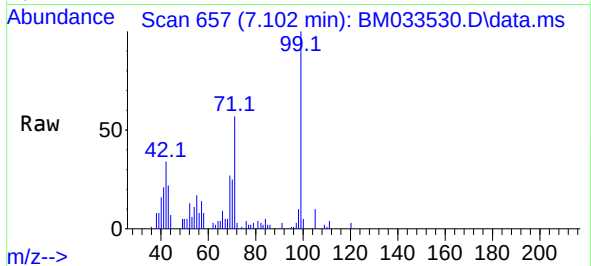
Tgt Ion:112 Resp: 17475
Ion Ratio Lower Upper
112 100
64 68.4 55.5 83.3
63 41.6 31.3 46.9





#7
Phenol-d6
Concen: 9.337 ng
RT: 7.102 min Scan# 61
Delta R.T. -0.011 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51

Instrument :
BNA_M
ClientSampleId :
A2-4-6.5DL

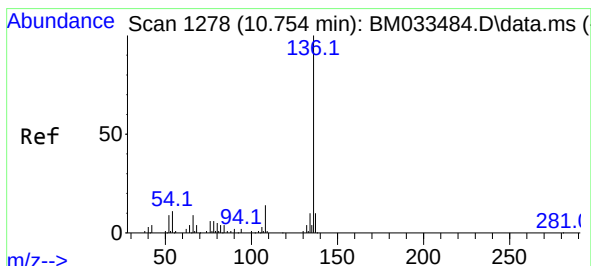
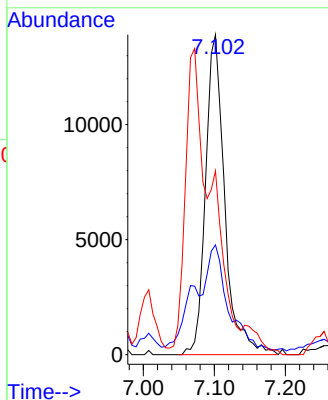
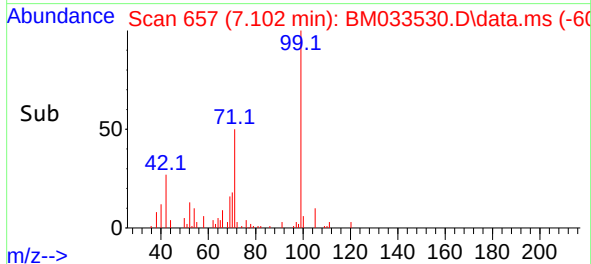


Tgt Ion: 99 Resp: 2620

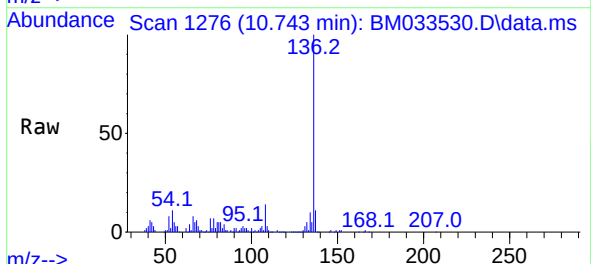
Ion	Ratio	Lower	Upper
99	100		
42	34.3	20.3	30.5
71	57.5	34.5	51.7

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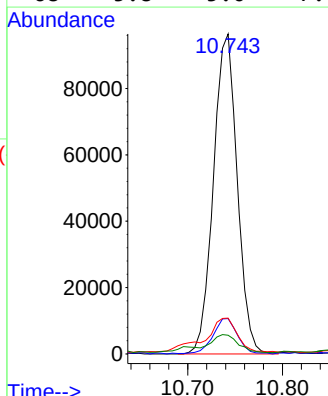
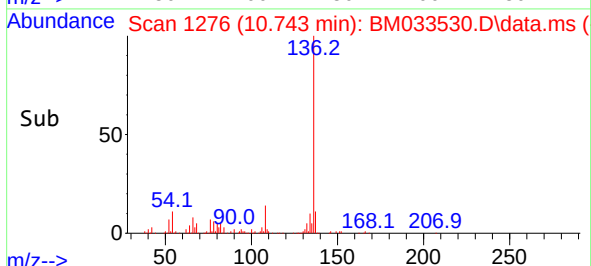


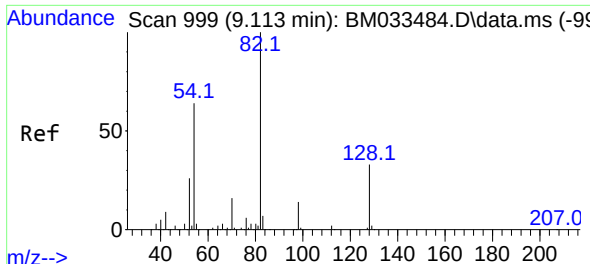
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51



Tgt Ion:136 Resp: 168466

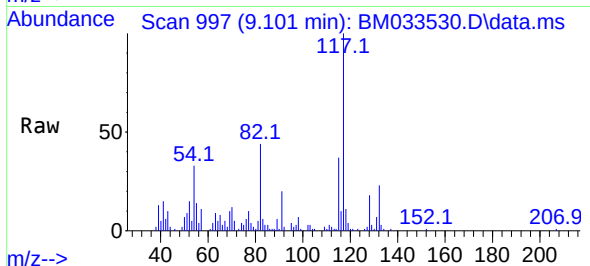
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	11.2	8.3	12.5
68	5.8	5.0	7.6





#23
Nitrobenzene-d5
Concen: 6.346 ng
RT: 9.101 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51

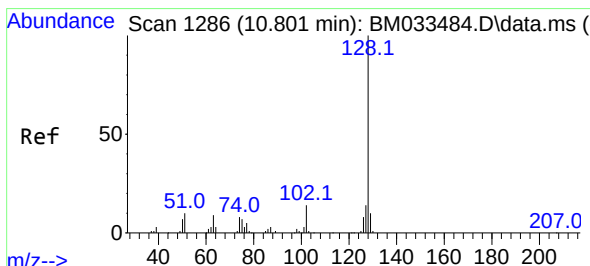
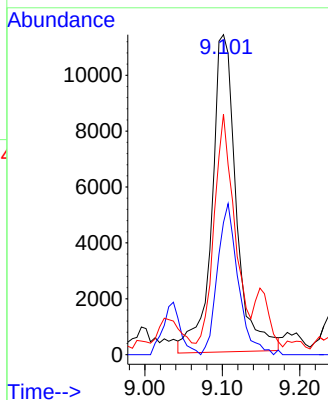
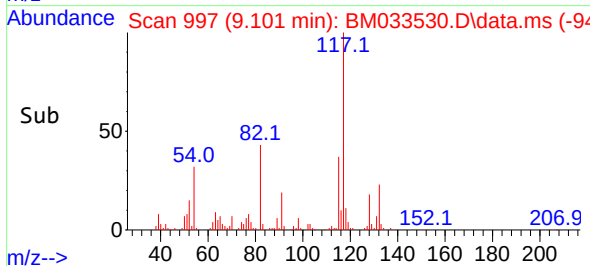
Instrument :
BNA_M
ClientSampleId :
A2-4-6.5DL



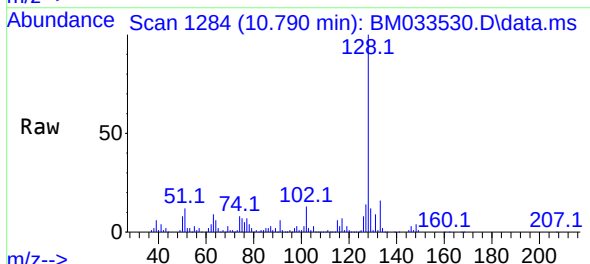
Tgt Ion: 82 Resp: 24898
Ion Ratio Lower Upper
82 100
128 41.3 28.1 42.1
54 75.2 46.1 69.1

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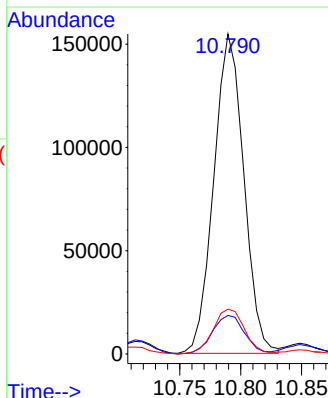
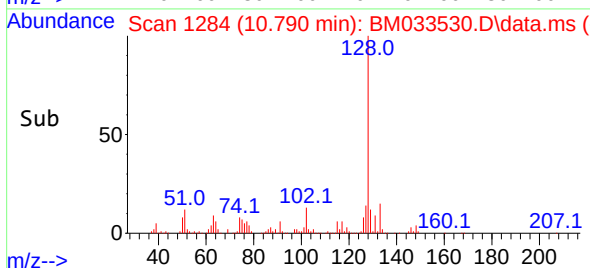
Reviewed By :Christian Giraldo 12/20/2021
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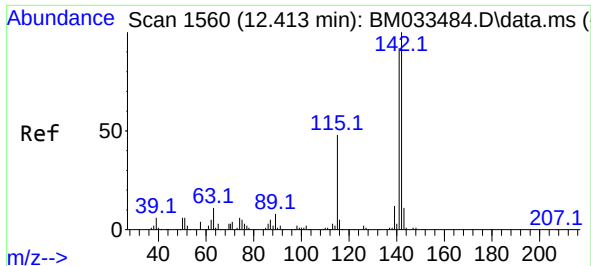


#31
Naphthalene
Concen: 29.060 ng
RT: 10.790 min Scan# 1284
Delta R.T. -0.011 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51



Tgt Ion:128 Resp: 265206
Ion Ratio Lower Upper
128 100
129 12.1 8.5 12.7
127 14.0 10.8 16.2





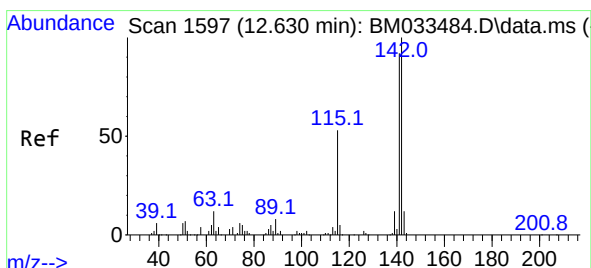
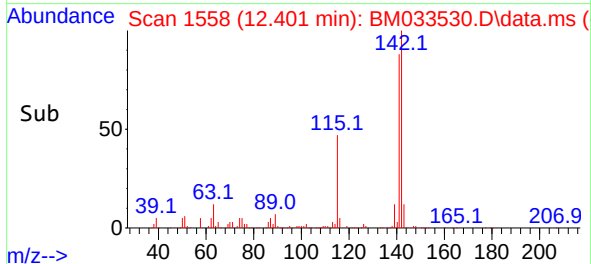
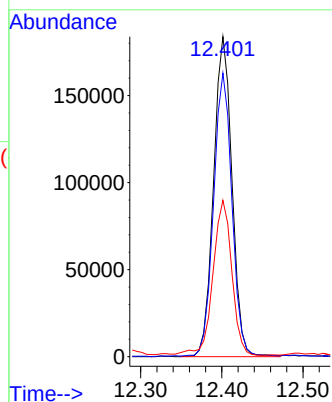
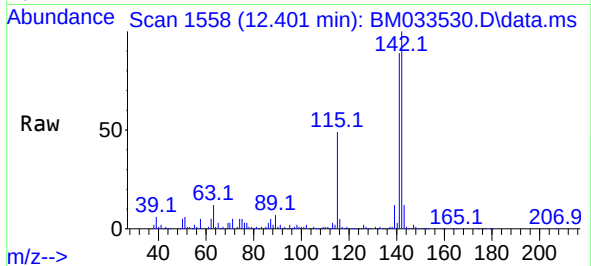
#37
2-Methylnaphthalene
Concen: 45.915 ng
RT: 12.401 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51

Instrument :
BNA_M
ClientSampleId :
A2-4-6.5DL

Tgt Ion:142 Resp: 28985
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2
115 48.8 33.0 49.6

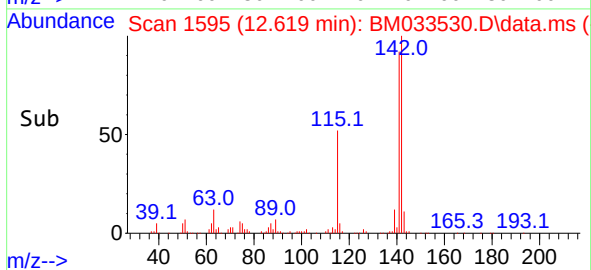
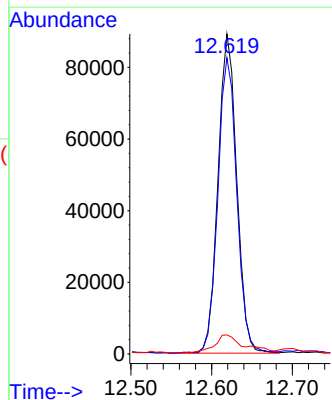
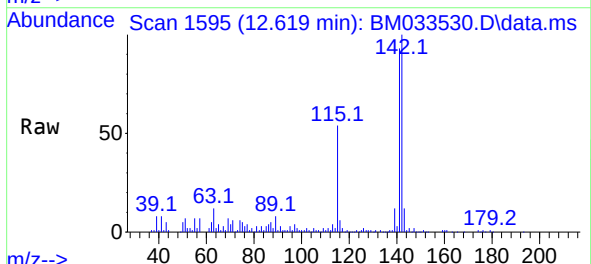
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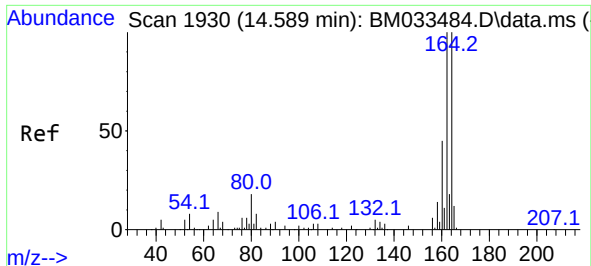
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#38
1-Methylnaphthalene
Concen: 22.752 ng m
RT: 12.619 min Scan# 1595
Delta R.T. -0.011 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51

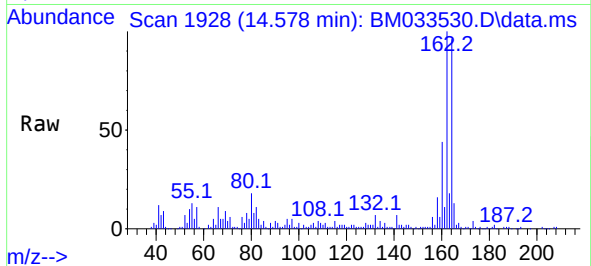
Tgt Ion:142 Resp: 143267
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4
116 5.9 3.5 5.3#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1928
Delta R.T. -0.011 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51

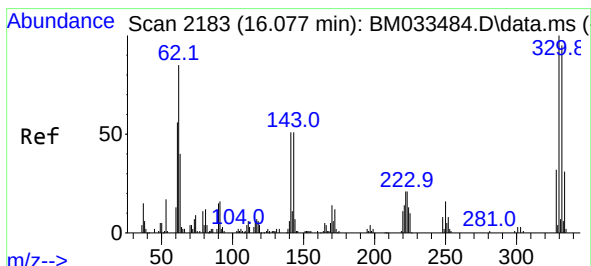
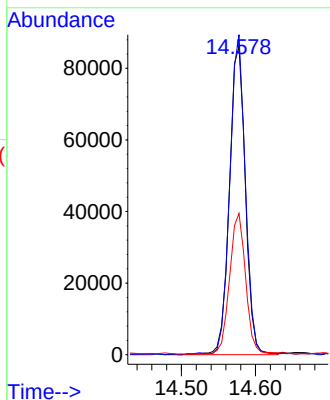
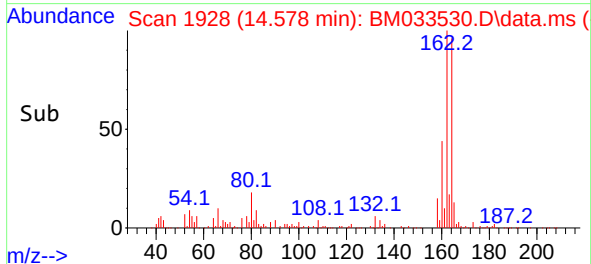
Instrument :
BNA_M
ClientSampleId :
A2-4-6.5DL



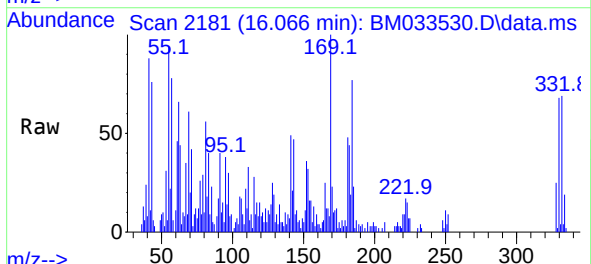
Tgt Ion:164 Resp: 12904
Ion Ratio Lower Upper
164 100
162 103.8 79.7 119.5
160 45.8 34.2 51.4

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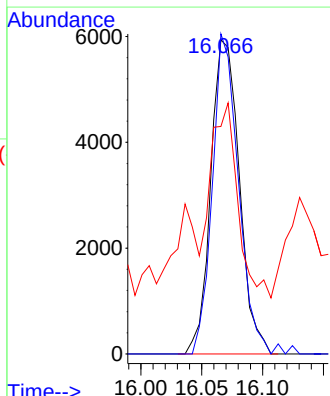
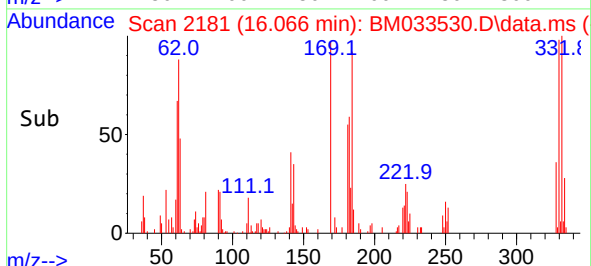
Reviewed By :Christian Giraldo 12/20/2021
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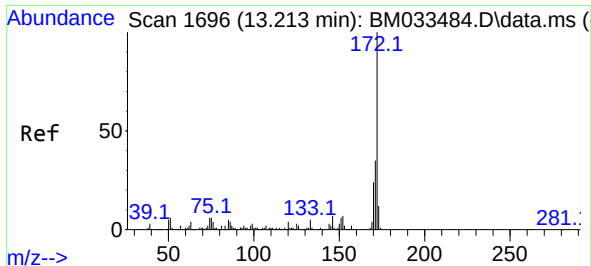


#42
2,4,6-Tribromophenol
Concen: 6.665 ng
RT: 16.066 min Scan# 2181
Delta R.T. -0.011 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51



Tgt Ion:330 Resp: 9675
Ion Ratio Lower Upper
330 100
332 93.7 76.5 114.7
141 58.1 35.9 53.9#





#45

2-Fluorobiphenyl

Concen: 6.000 ng

RT: 13.201 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM033530.D

Acq: 18 Dec 2021 21:51

Instrument :

BNA_M

ClientSampleId :

A2-4-6.5DL

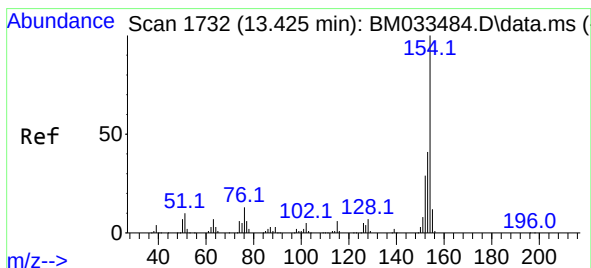
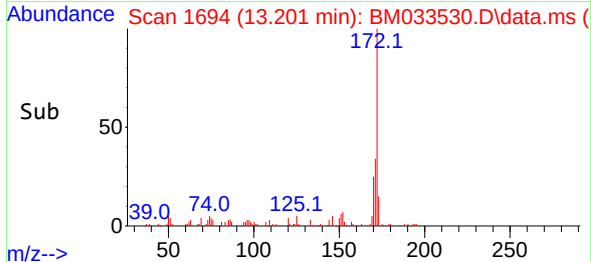
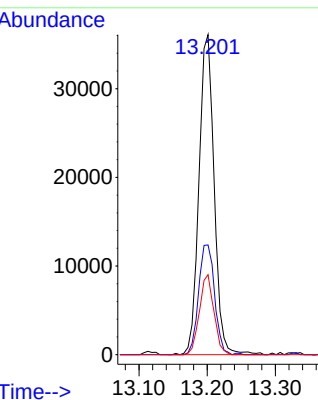
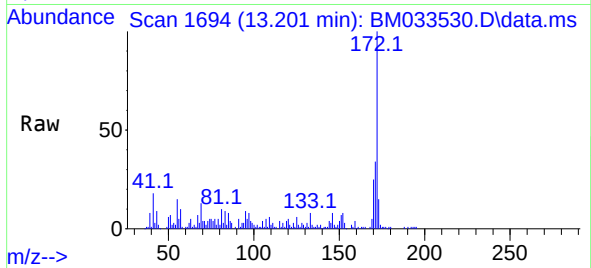
Tgt Ion:172 Resp: 55978

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.2	40.8
170	25.0	18.7	28.1

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#46

1,1'-Biphenyl

Concen: 2.484 ng

RT: 13.413 min Scan# 1730

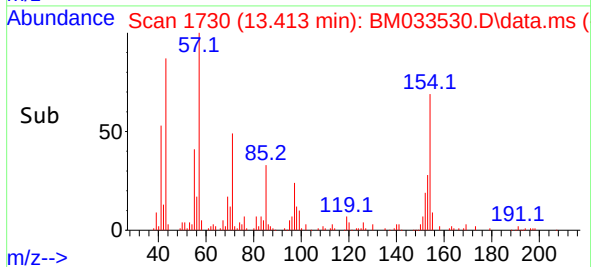
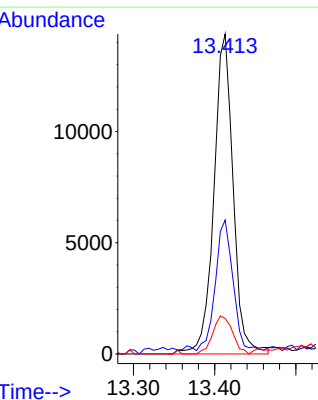
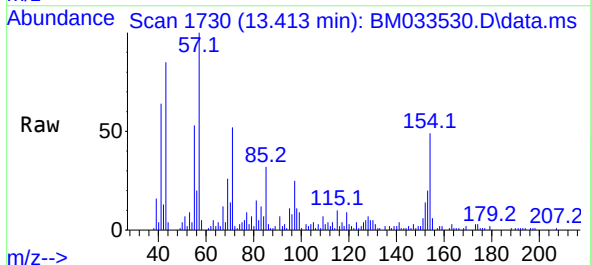
Delta R.T. -0.012 min

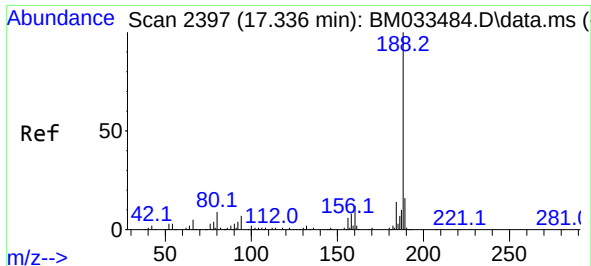
Lab File: BM033530.D

Acq: 18 Dec 2021 21:51

Tgt Ion:154 Resp: 23734

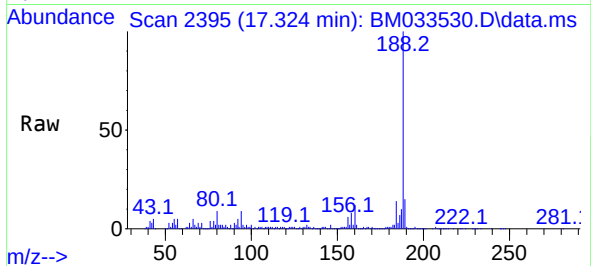
Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.7	60.7
76	11.0	0.0	34.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51

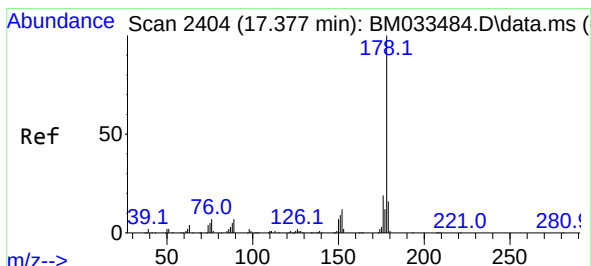
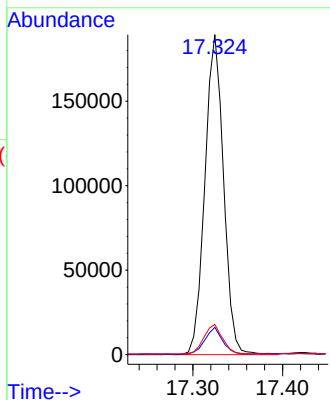
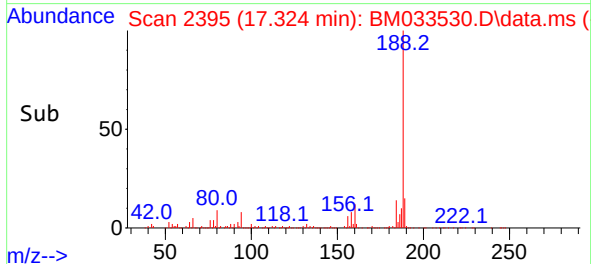
Instrument :
BNA_M
ClientSampleId :
A2-4-6.5DL



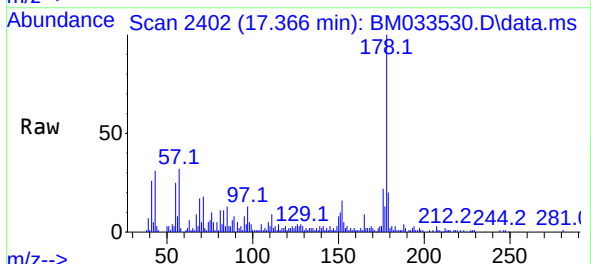
Tgt Ion:188 Resp: 273760
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 9.5 8.9 13.3

Manual Integrations
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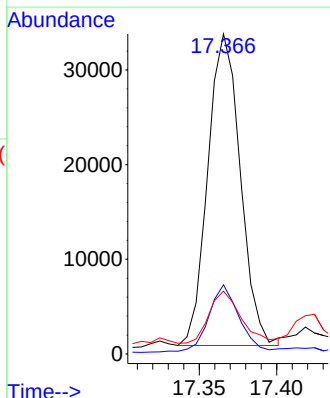
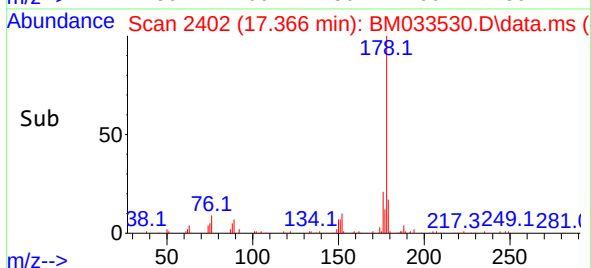
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

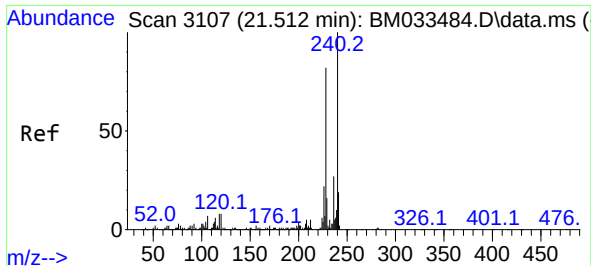


#71
Phenanthrene
Concen: 3.153 ng
RT: 17.366 min Scan# 2402
Delta R.T. -0.011 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51



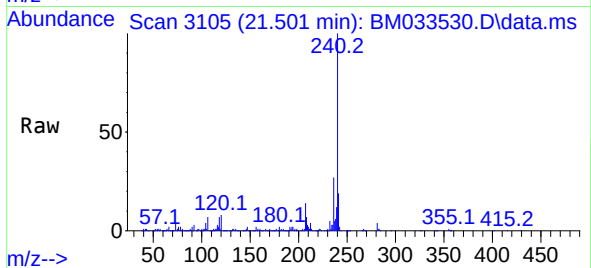
Tgt Ion:178 Resp: 48047
Ion Ratio Lower Upper
178 100
176 21.6 15.1 22.7
179 19.7 12.0 18.0#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3107
Delta R.T. -0.011 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51

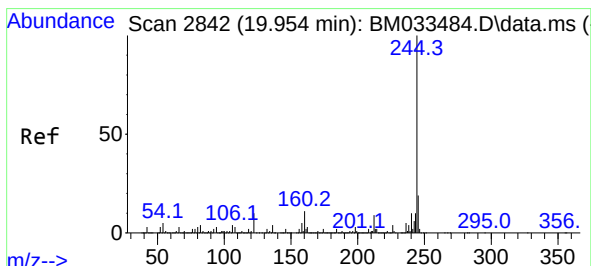
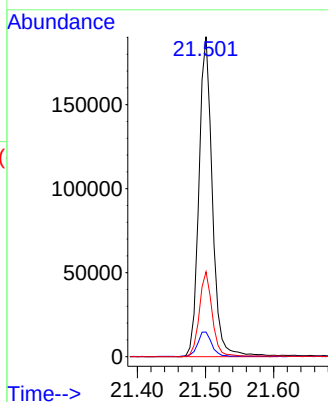
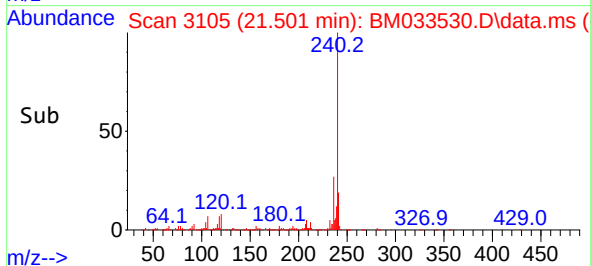
Instrument :
BNA_M
ClientSampleId :
A2-4-6.5DL



Tgt Ion:240 Resp: 261444
Ion Ratio Lower Upper
240 100
120 7.7 7.8 11.6
236 26.5 20.3 30.5

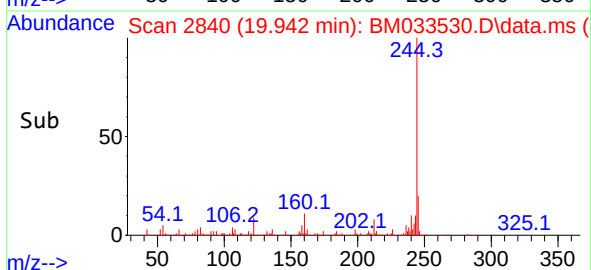
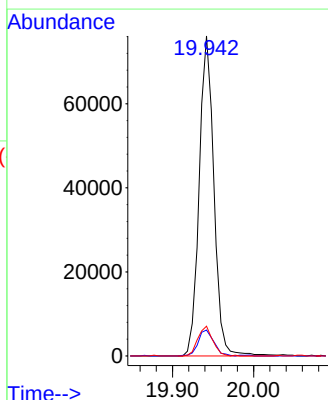
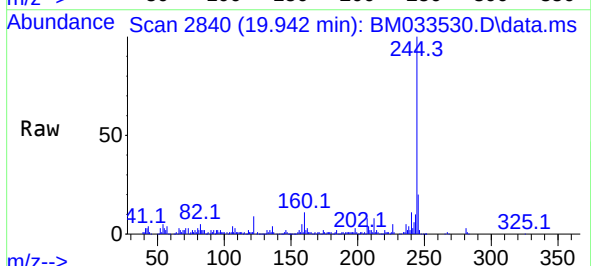
Manual Integrations
APPROVED

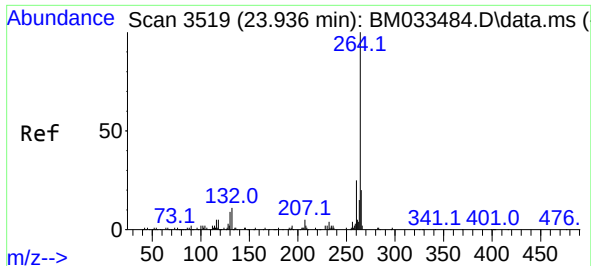
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#79
Terphenyl-d14
Concen: 5.778 ng
RT: 19.942 min Scan# 2840
Delta R.T. -0.012 min
Lab File: BM033530.D
Acq: 18 Dec 2021 21:51

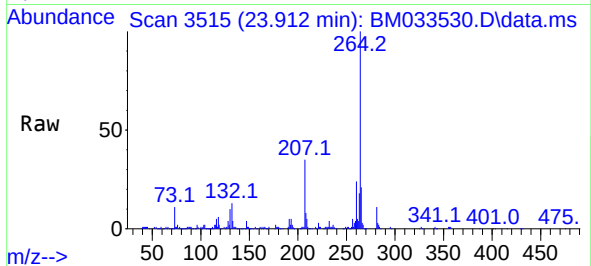
Tgt Ion:244 Resp: 95953
Ion Ratio Lower Upper
244 100
212 8.1 5.9 8.9
122 9.3 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.912 min Scan# 3
 Delta R.T. -0.024 min
 Lab File: BM033530.D
 Acq: 18 Dec 2021 21:51

Instrument :
 BNA_M
 ClientSampleId :
 A2-4-6.5DL



Tgt Ion:264 Resp: 21599
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.7 26.5
 265 21.1 17.7 26.5

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/23/2021

