

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021743.D
 Acq On : 14 Sep 2022 12:33
 Operator : CG/JU
 Sample : N4549-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP090822

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/15/2022
 Supervised By : Jagrut Upadhyay 09/15/2022

Quant Time: Sep 15 02:08:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 01:55:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4885	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	17092	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	12399	0.400	ng	# 0.00
19) Phenanthrene-d10	17.456	188	23018	0.400	ng	0.00
29) Chrysene-d12	21.652	240	17131	0.400	ng	0.00
35) Perylene-d12	24.156	264	13675	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.585	112	2150	0.168	ng	0.00
5) Phenol-d6	7.210	99	1702	0.105	ng	0.00
8) Nitrobenzene-d5	9.222	82	4707	0.333	ng	-0.01
11) 2-Methylnaphthalene-d10	12.471	152	13044	0.302	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2378	0.420	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	17911	0.354	ng	0.00
27) Fluoranthene-d10	19.490	212	27093	0.437	ng	0.00
31) Terphenyl-d14	20.076	244	19623	0.501	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.930	128	6223	0.123	ng	# 1
16) Acenaphthylene	14.429	152	4240	0.072	ng	# 3
17) Acenaphthene	14.771	154	41843	1.034	ng	99
18) Fluorene	15.747	166	5946	0.111	ng	# 92
26) Anthracene	17.594	178	15763	0.241	ng	# 84
28) Fluoranthene	19.519	202	106151	1.275	ng	100
30) Pyrene	19.882	202	66882	0.786	ng	# 90
32) Benzo(a)anthracene	21.634	228	4410	0.067	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.544	149	6209	0.141	ng	98

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

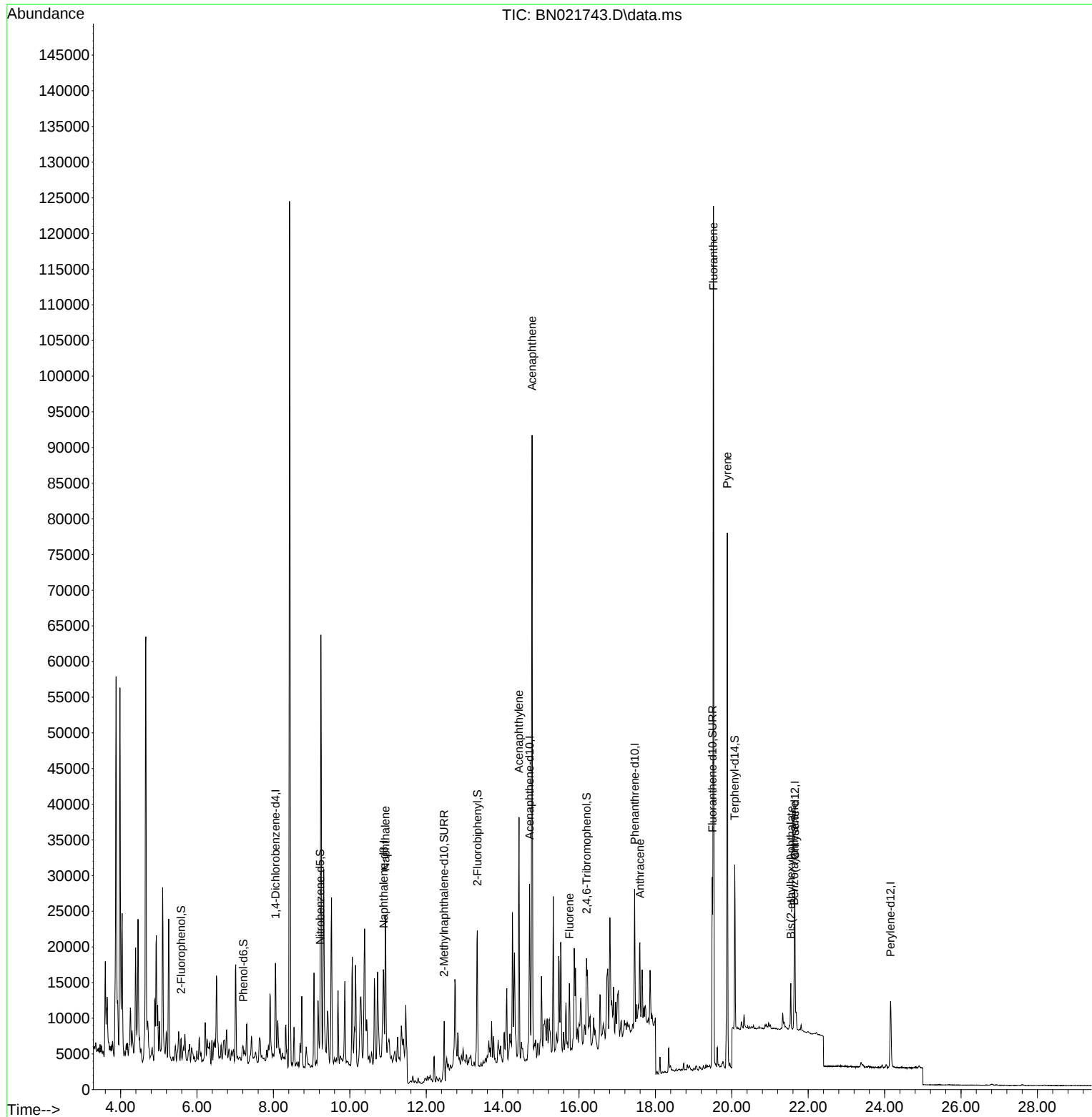
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021743.D
Acq On : 14 Sep 2022 12:33
Operator : CG/JU
Sample : N4549-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

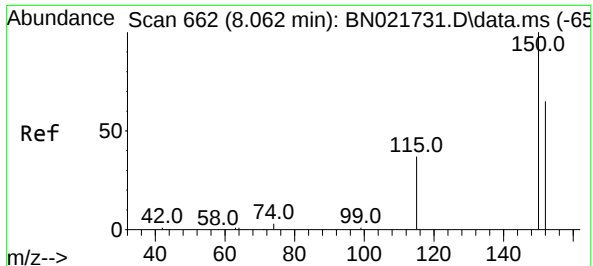
Instrument :
BNA_N
ClientSampleId :
DUP090822

Quant Time: Sep 15 02:08:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
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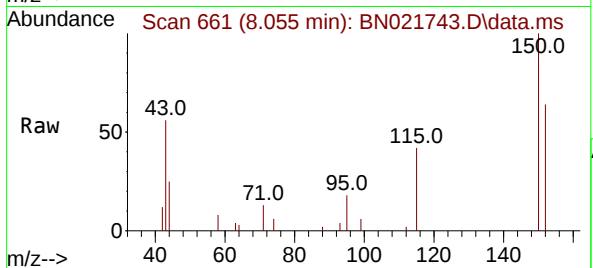
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.055 min Scan# 662
Delta R.T. -0.007 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :

BNA_N

ClientSampleId :

DUP090822

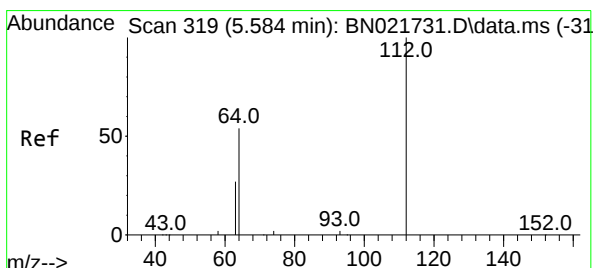
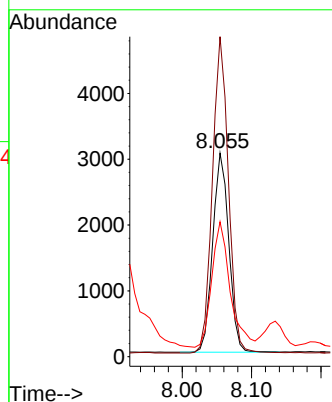


Tgt Ion:152 Resp: 488
Ion Ratio Lower Upper
152 100
150 157.2 121.8 182.8
115 66.3 48.3 72.5

Manual Integrations

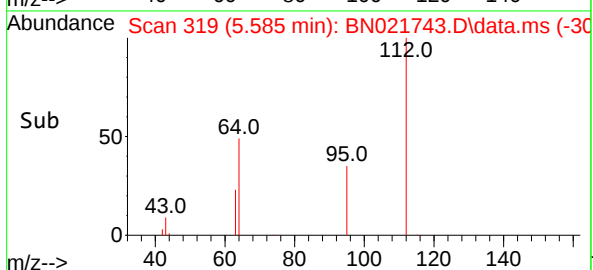
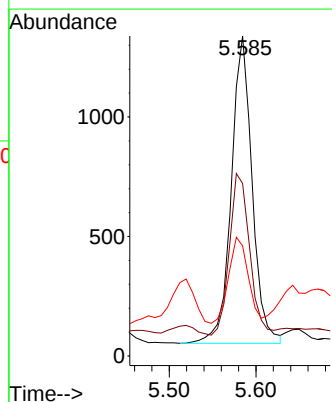
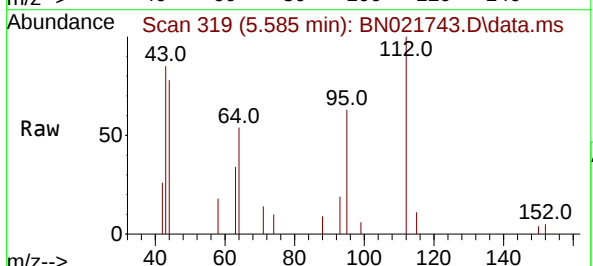
APPROVED

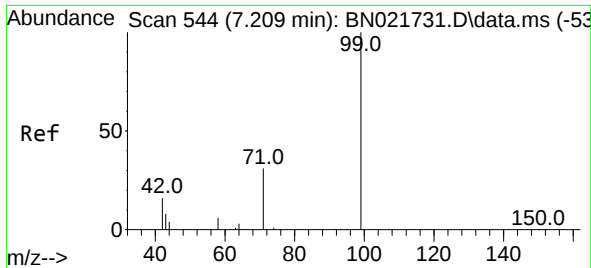
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#4
2-Fluorophenol
Concen: 0.168 ng
RT: 5.585 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

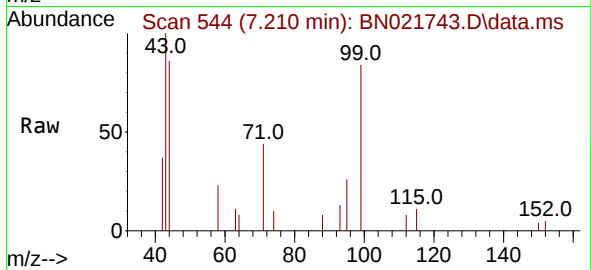
Tgt Ion:112 Resp: 2150
Ion Ratio Lower Upper
112 100
64 50.7 45.4 68.2
63 25.9 23.3 34.9





#5
Phenol-d6
Concen: 0.105 ng
RT: 7.210 min Scan# 544
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

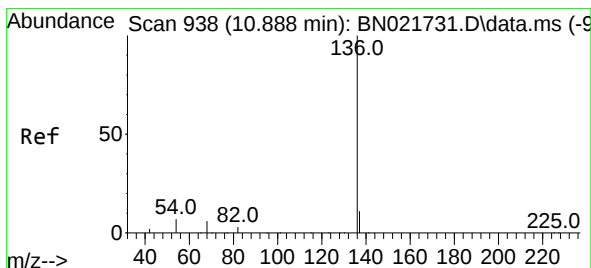
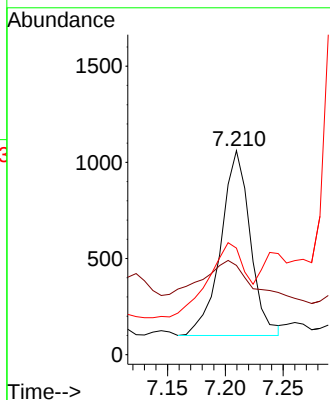
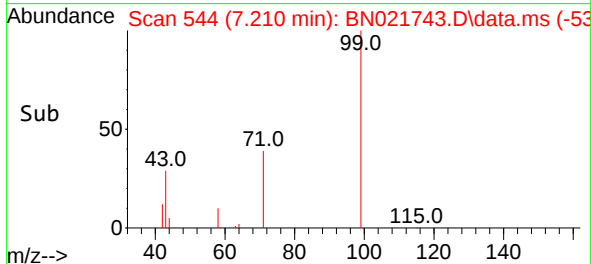
Instrument :
BNA_N
ClientSampleId :
DUP090822



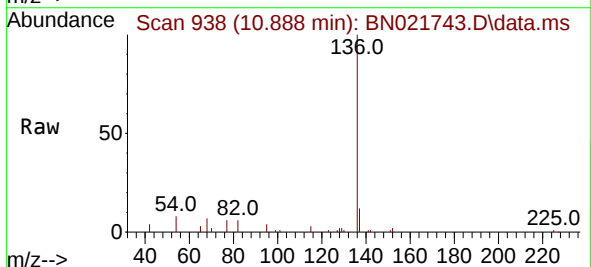
Tgt Ion:	99	Resp:	170
Ion Ratio	100	Lower	Upper
99	100		
42	43.7	15.1	22.7
71	52.4	25.3	37.9

Manual Integrations
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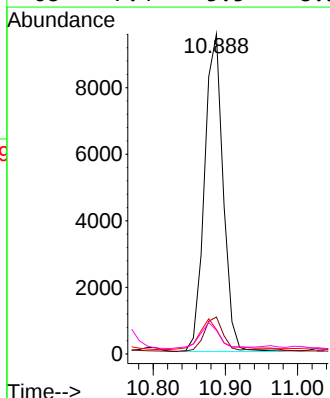
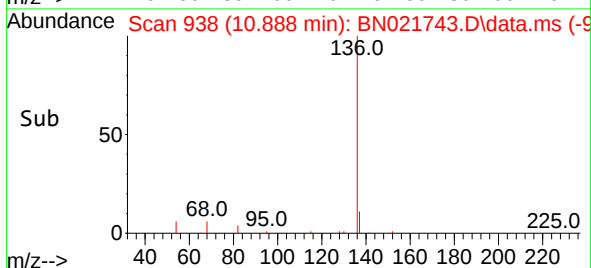
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

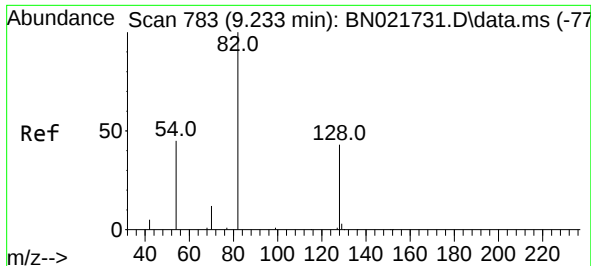


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33



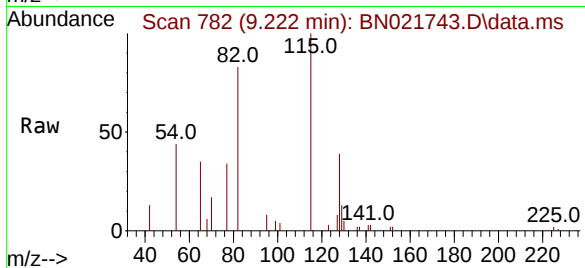
Tgt Ion:	136	Resp:	17092
Ion Ratio	100	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.6	6.4	9.6
68	7.4	5.5	8.3





#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 9.222 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

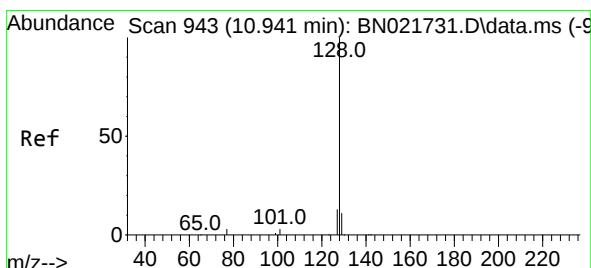
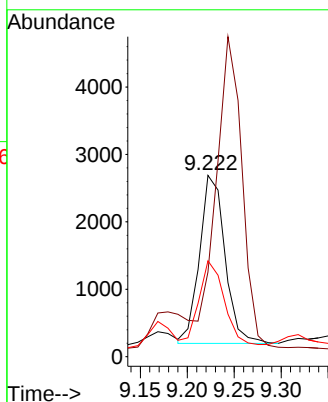
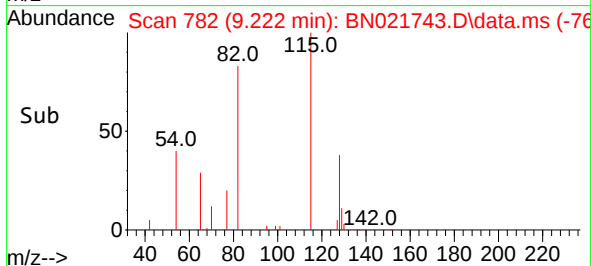
Instrument :
BNA_N
ClientSampleId :
DUP090822



Tgt Ion: 82 Resp: 470
Ion Ratio Lower Upper
82 100
128 46.7 35.6 53.4
54 52.9 37.8 56.8

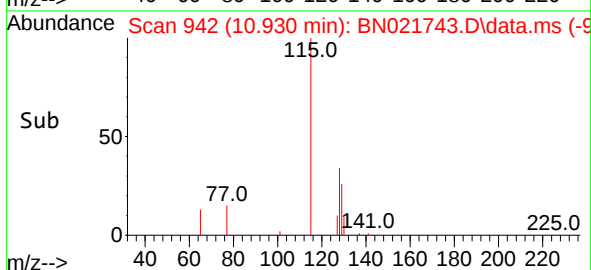
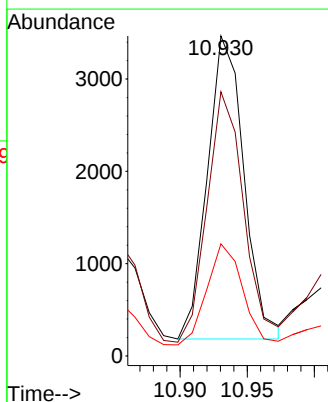
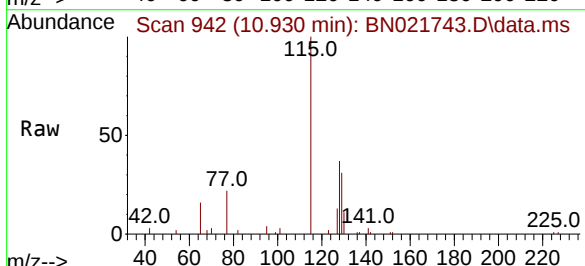
Manual Integrations
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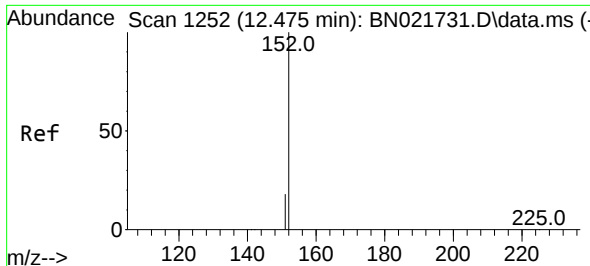
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#9
Naphthalene
Concen: 0.123 ng
RT: 10.930 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

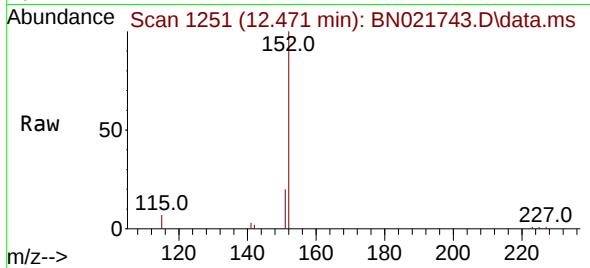
Tgt Ion:128 Resp: 6223
Ion Ratio Lower Upper
128 100
129 82.5 9.2 13.8#
127 35.0 10.5 15.7#





#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.471 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

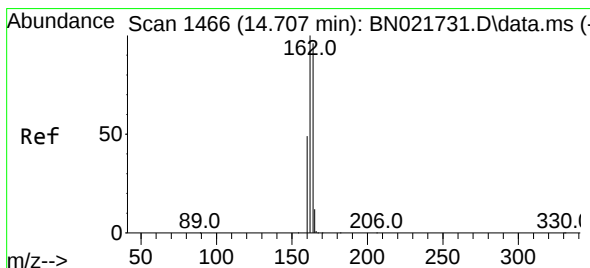
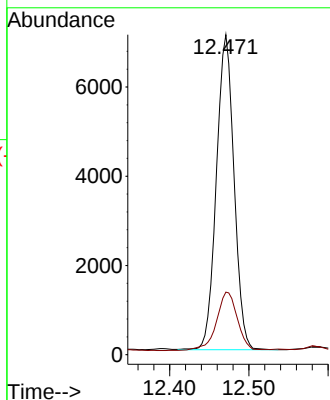
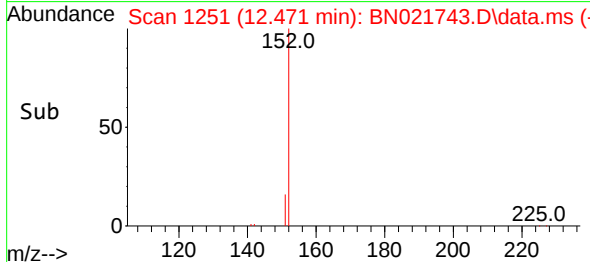
Instrument :
BNA_N
ClientSampleId :
DUP090822



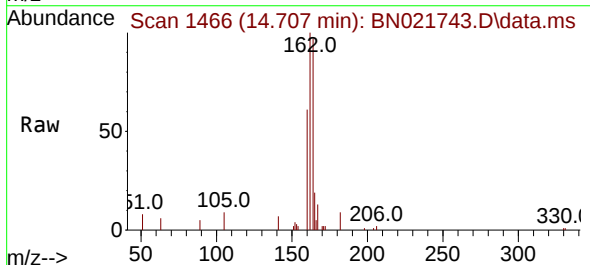
Tgt Ion:152 Resp: 13044
Ion Ratio Lower Upper
152 100
151 20.6 15.6 23.4

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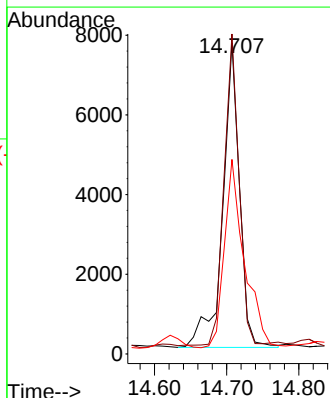
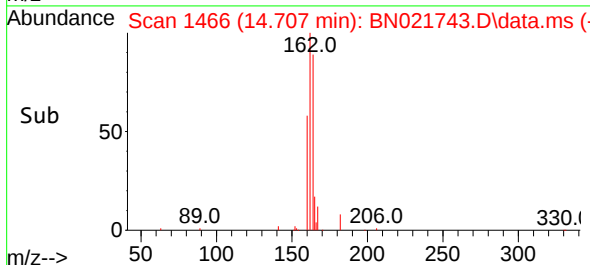
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

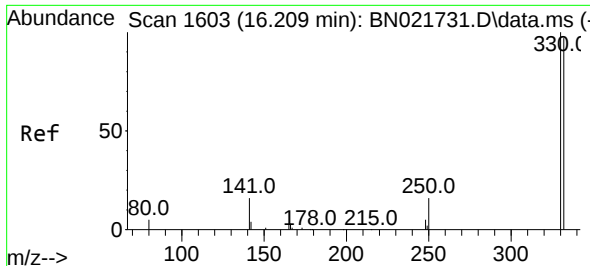


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33



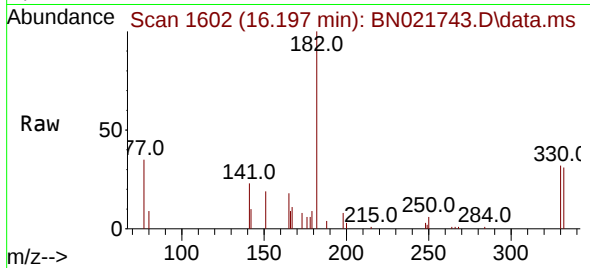
Tgt Ion:164 Resp: 12399
Ion Ratio Lower Upper
164 100
162 102.8 83.2 124.8
160 62.5 40.9 61.3#





#14
2,4,6-Tribromophenol
Concen: 0.420 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

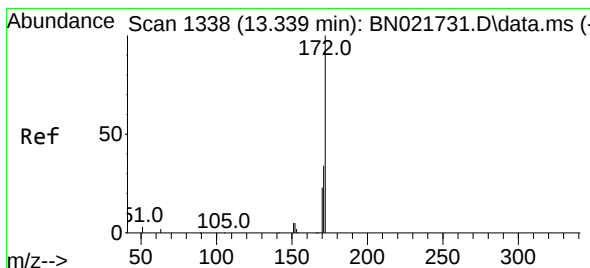
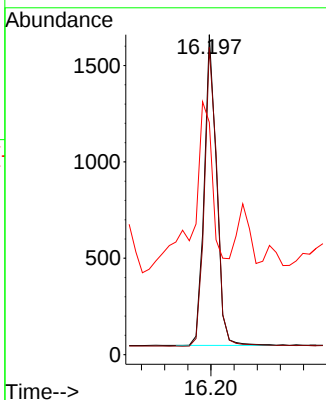
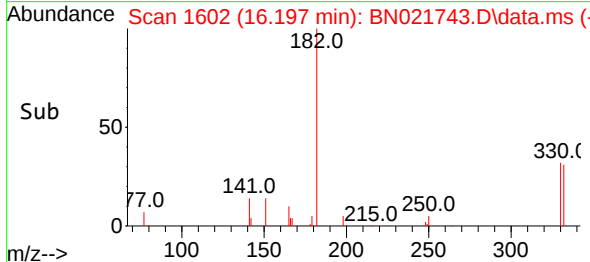
Instrument :
BNA_N
ClientSampleId :
DUP090822



Tgt Ion:330 Resp: 2378
Ion Ratio Lower Upper
330 100
332 98.3 76.8 115.2
141 62.0 37.2 55.8

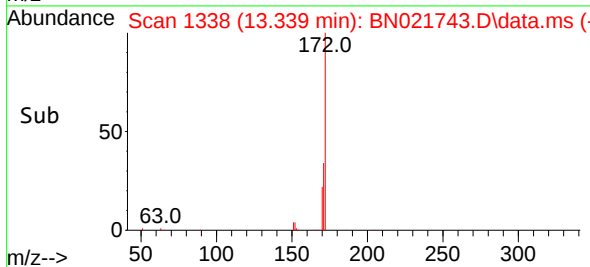
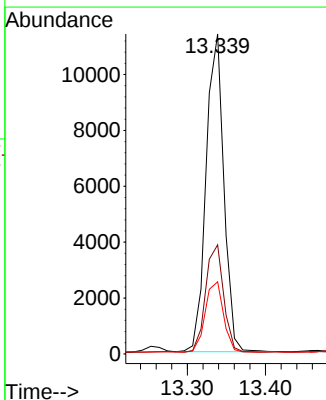
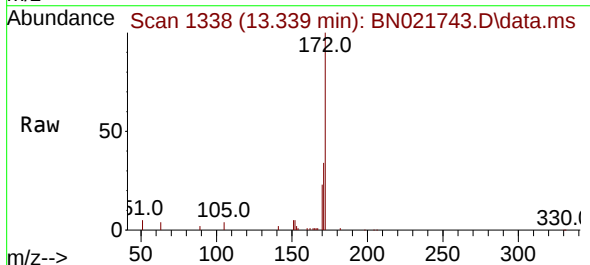
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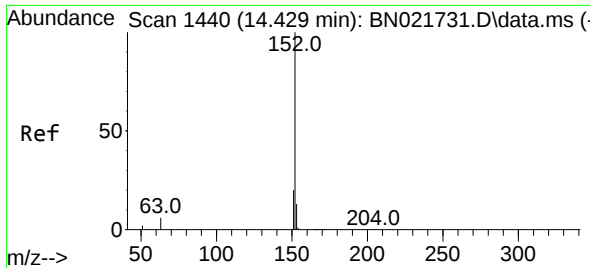
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.339 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

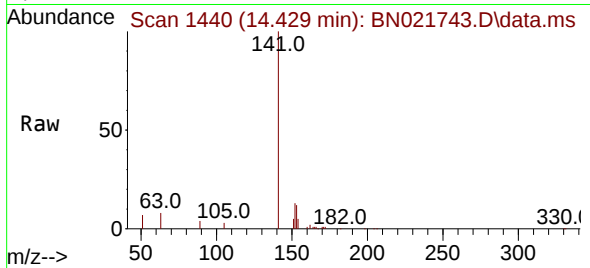
Tgt Ion:172 Resp: 17911
Ion Ratio Lower Upper
172 100
171 34.1 27.7 41.5
170 22.5 18.8 28.2





#16
Acenaphthylene
Concen: 0.072 ng
RT: 14.429 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

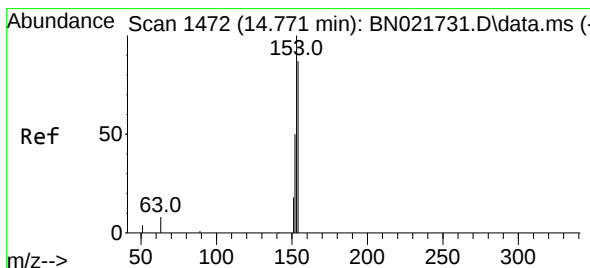
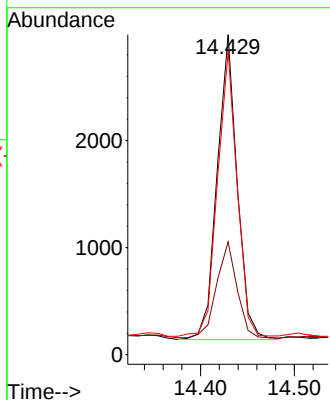
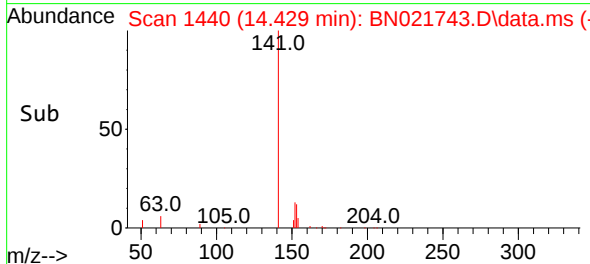
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BNA_N
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DUP090822



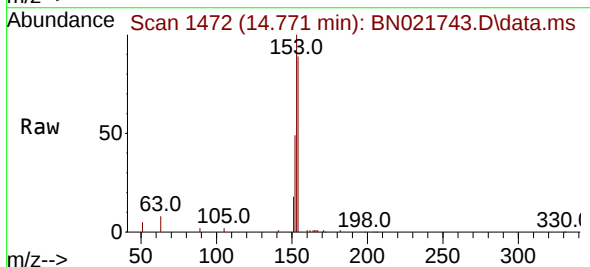
Tgt Ion:152 Resp: 4240
Ion Ratio Lower Upper
152 100
151 32.4 15.4 23.0
153 91.0 10.3 15.5

Manual Integrations
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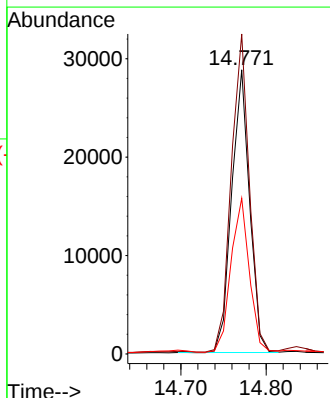
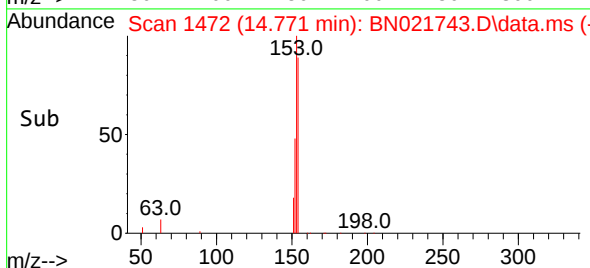
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

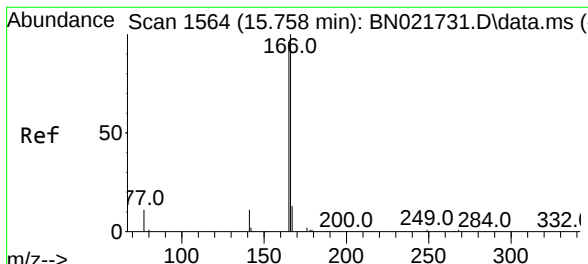


#17
Acenaphthene
Concen: 1.034 ng
RT: 14.771 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33



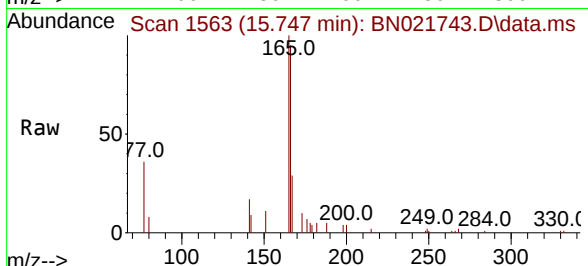
Tgt Ion:154 Resp: 41843
Ion Ratio Lower Upper
154 100
153 113.8 91.0 136.4
152 56.2 46.0 69.0





#18
 Fluorene
 Concen: 0.111 ng
 RT: 15.747 min Scan# 1563
 Delta R.T. -0.011 min
 Lab File: BN021743.D
 Acq: 14 Sep 2022 12:33

Instrument :
 BNA_N
 ClientSampleId :
 DUP090822

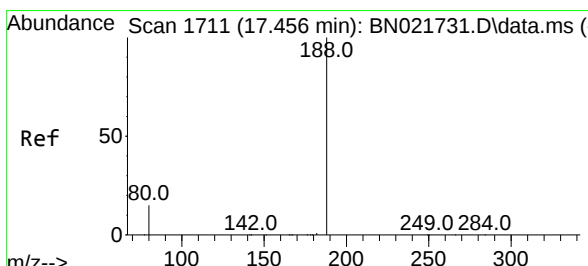
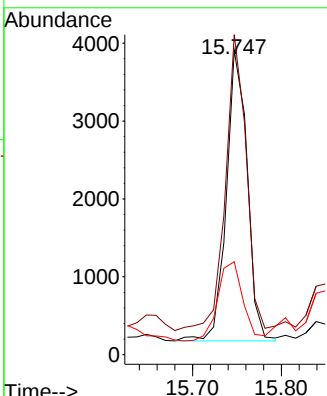
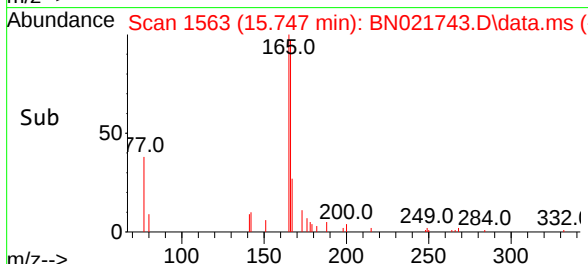


Tgt Ion:166 Resp: 5940

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.4	119.0
167	33.4	10.6	15.8

Manual Integrations
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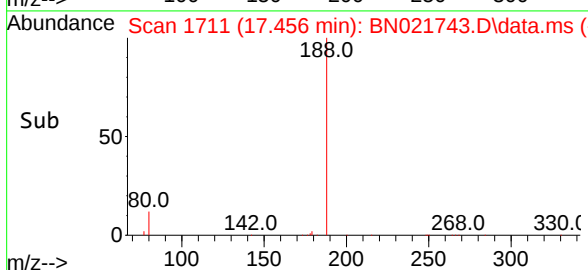
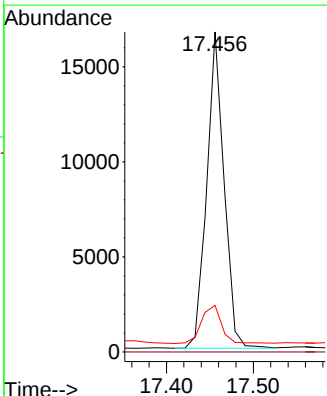
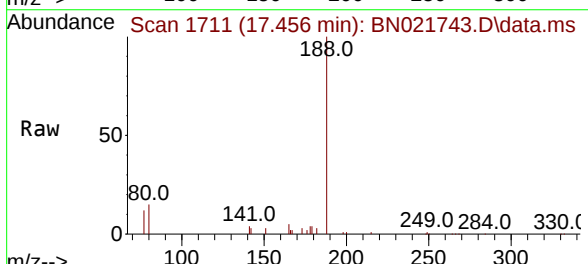
Reviewed By :Christian Giraldo 09/15/2022
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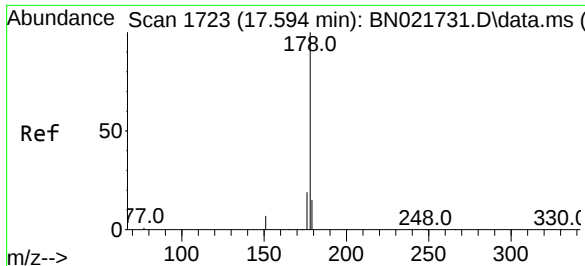


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.456 min Scan# 1711
 Delta R.T. 0.000 min
 Lab File: BN021743.D
 Acq: 14 Sep 2022 12:33

Tgt Ion:188 Resp: 23018

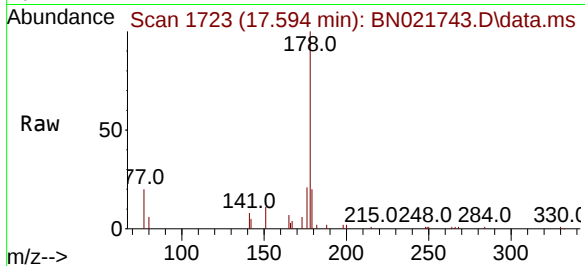
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	12.6	19.0





#26
 Anthracene
 Concen: 0.241 ng
 RT: 17.594 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN021743.D
 Acq: 14 Sep 2022 12:33

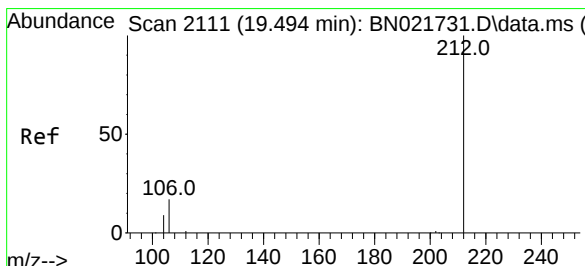
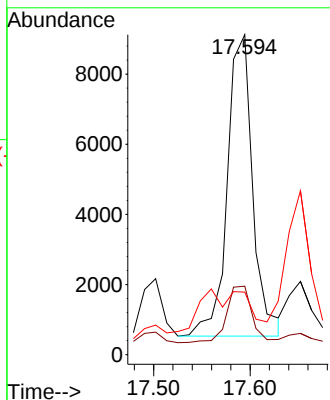
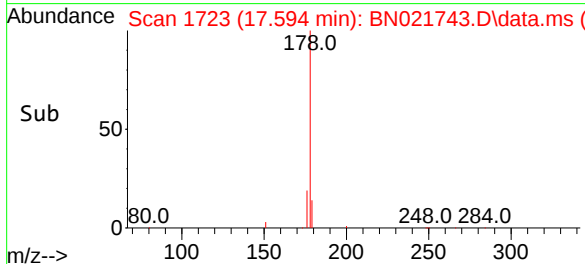
Instrument :
 BNA_N
 ClientSampleId :
 DUP090822



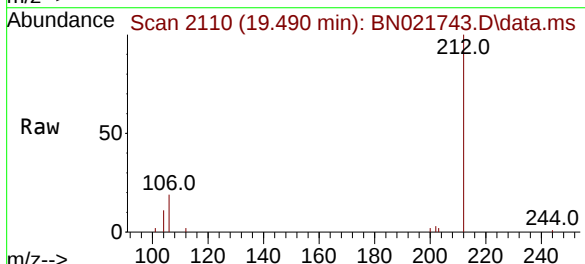
Tgt Ion:178 Resp: 1576
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.0 22.6
 179 0.0 12.2 18.2

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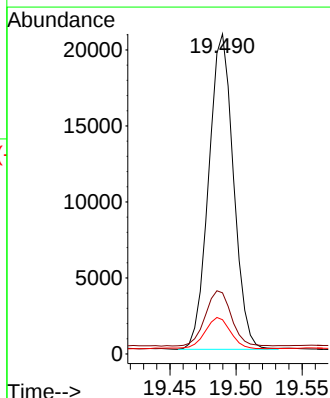
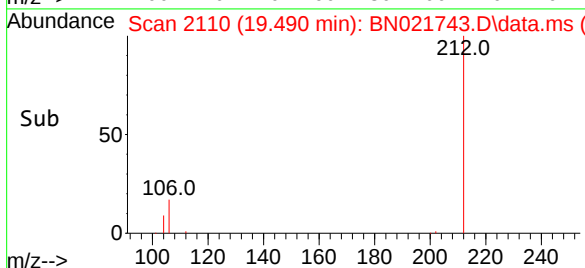
Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022

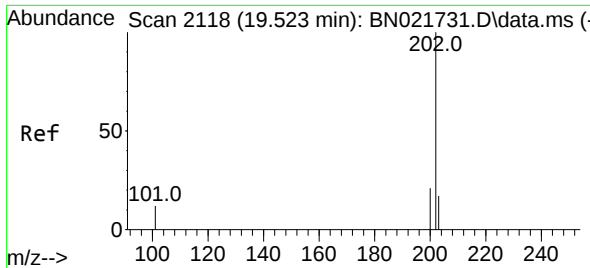


#27
 Fluoranthene-d10
 Concen: 0.437 ng
 RT: 19.490 min Scan# 2110
 Delta R.T. -0.004 min
 Lab File: BN021743.D
 Acq: 14 Sep 2022 12:33



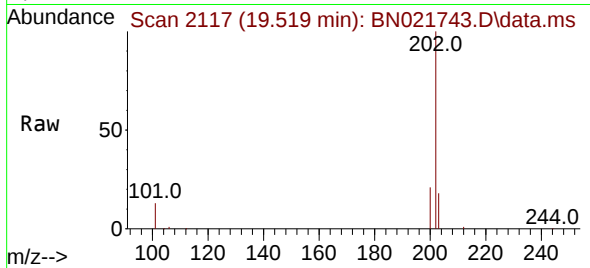
Tgt Ion:212 Resp: 27093
 Ion Ratio Lower Upper
 212 100
 106 18.5 14.3 21.5
 104 10.5 8.0 12.0





#28
Fluoranthene
Concen: 1.275 ng
RT: 19.519 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

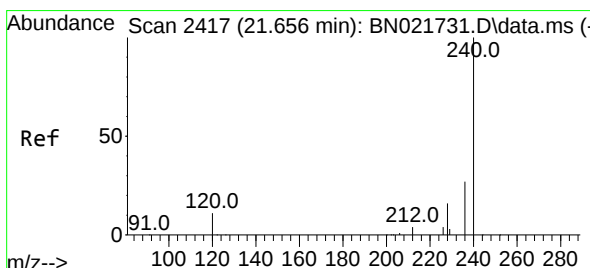
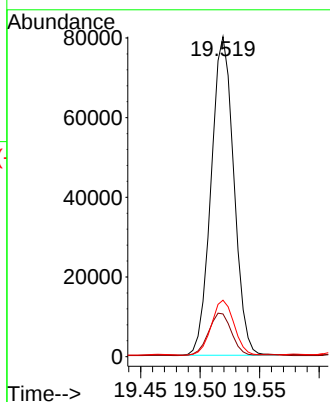
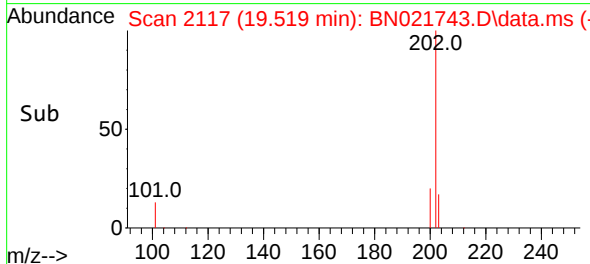
Instrument :
BNA_N
ClientSampleId :
DUP090822



Tgt Ion:202 Resp: 10615
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
203 17.1 13.7 20.5

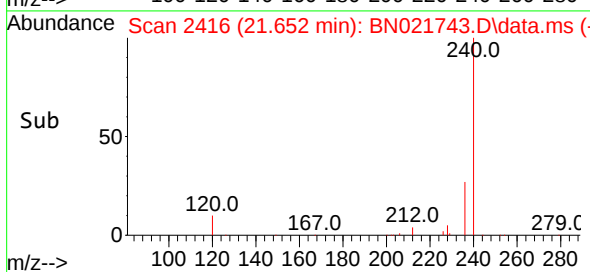
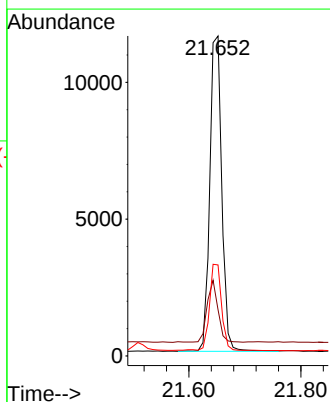
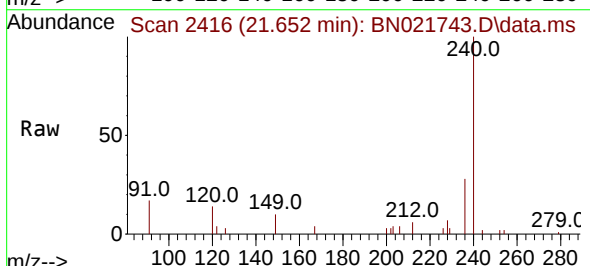
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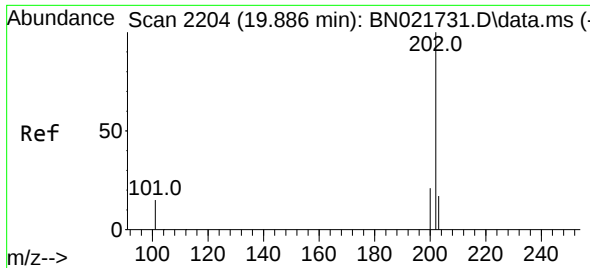
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.652 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

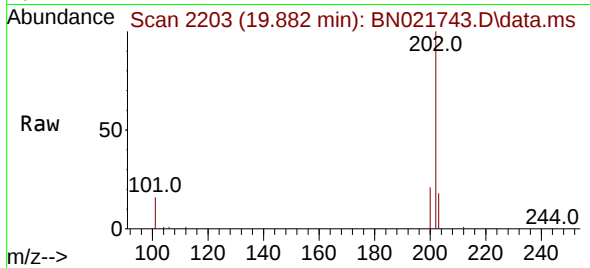
Tgt Ion:240 Resp: 17131
Ion Ratio Lower Upper
240 100
120 14.4 9.8 14.8
236 28.4 22.2 33.4





#30
Pyrene
Concen: 0.786 ng
RT: 19.882 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

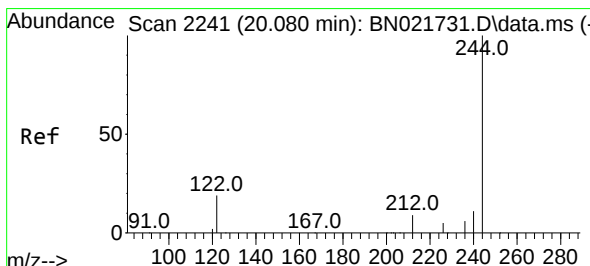
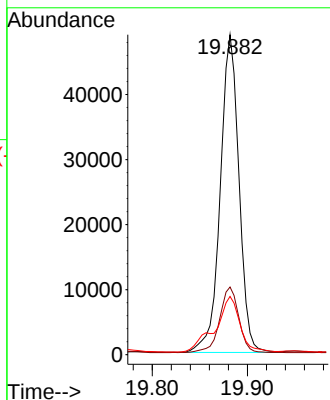
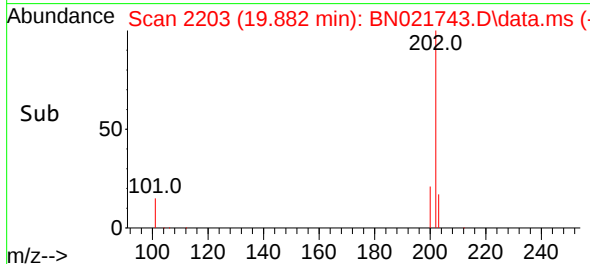
Instrument :
BNA_N
ClientSampleId :
DUP090822



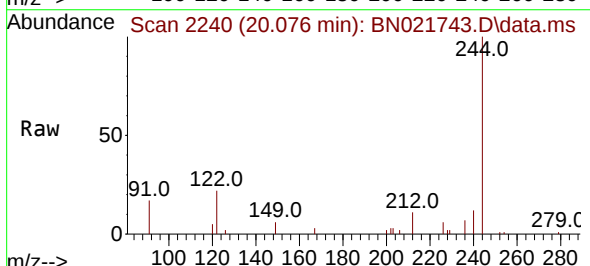
Tgt Ion:202 Resp: 6688
Ion Ratio Lower Upper
202 100
200 21.1 15.0 22.4
203 23.0 12.8 19.2

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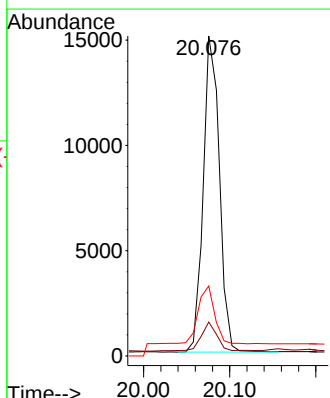
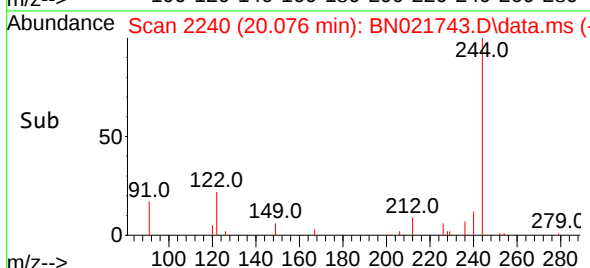
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

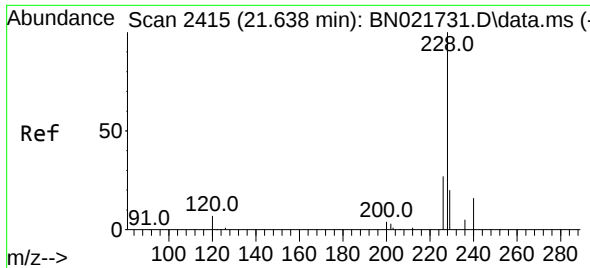


#31
Terphenyl-d14
Concen: 0.501 ng
RT: 20.076 min Scan# 2240
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33



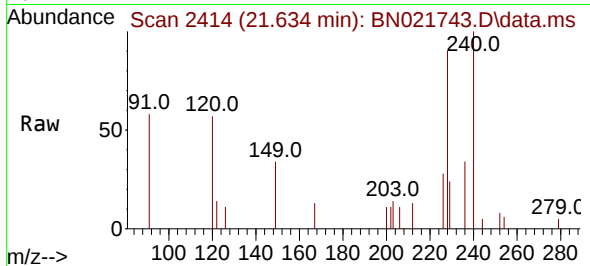
Tgt Ion:244 Resp: 19623
Ion Ratio Lower Upper
244 100
212 10.6 7.9 11.9
122 21.8 15.8 23.8





#32
Benzo(a)anthracene
Concen: 0.067 ng
RT: 21.634 min Scan# 2415
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

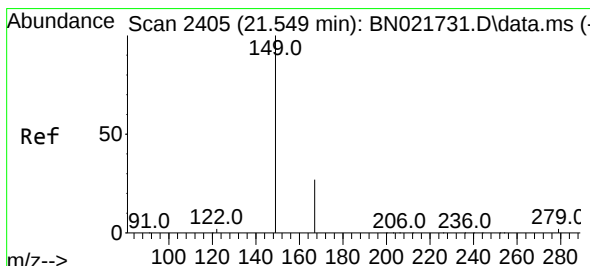
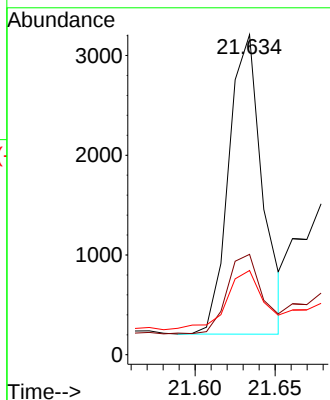
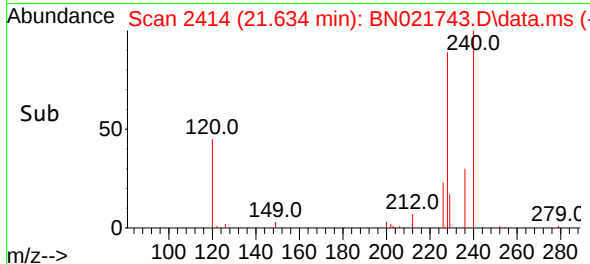
Instrument :
BNA_N
ClientSampleId :
DUP090822



Tgt Ion:228 Resp: 4410
Ion Ratio Lower Upper
228 100
226 31.3 21.5 32.3
229 26.3 15.8 23.8

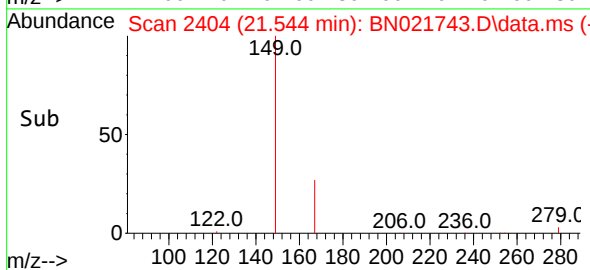
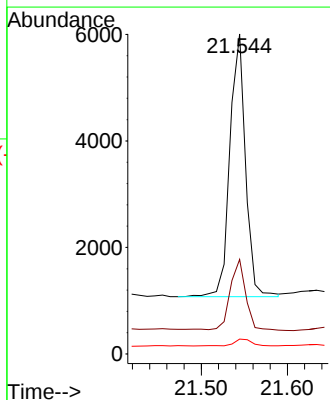
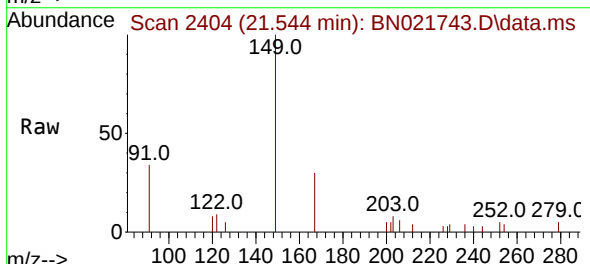
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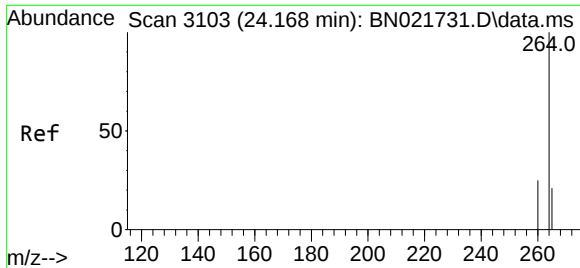
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.141 ng
RT: 21.544 min Scan# 2404
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

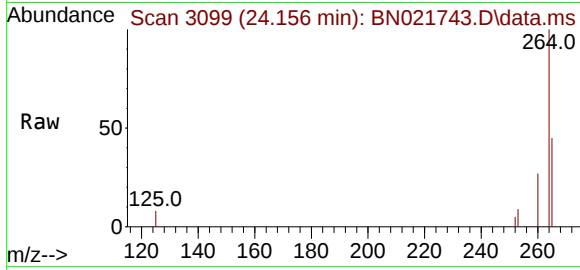
Tgt Ion:149 Resp: 6209
Ion Ratio Lower Upper
149 100
167 27.0 20.8 31.2
279 3.1 2.1 3.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.156 min Scan# 3099
 Delta R.T. -0.013 min
 Lab File: BN021743.D
 Acq: 14 Sep 2022 12:33

Instrument :
 BNA_N
 ClientSampleId :
 DUP090822



Tgt Ion:264 Resp: 13679
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.6 31.0
 265 45.3 34.4 51.6

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 Supervised By :Jagrut Upadhyay 09/15/2022

