

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017706.D
 Acq On : 04 Dec 2021 00:32
 Operator : CG/JU
 Sample : M4917-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-22

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 04 01:41:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	20049	0.40	ng	0.00
7) Naphthalene-d8	10.535	136	82258	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	55956	0.40	ng	# 0.00
19) Phenanthrene-d10	17.116	188	112901	0.40	ng	0.00
29) Chrysene-d12	21.303	240	119571	0.40	ng	# 0.00
35) Perylene-d12	23.609	264	120235	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.366	112	6609	0.14	ng	0.00
5) Phenol-d6	6.934	99	3907	0.08	ng	0.00
8) Nitrobenzene-d5	8.900	82	14628m	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	32405	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	13128	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.001	172	56939	0.27	ng	0.00
27) Fluoranthene-d10	19.149	212	108253	0.29	ng	0.00
31) Terphenyl-d14	19.749	244	103806	0.39	ng	0.00
Target Compounds						
9) Naphthalene	10.586	128	403212	1.92	ng	Qvalue 97
12) 2-Methylnaphthalene	12.195	142	6326	0.05	ng	# 63
17) Acenaphthene	14.435	154	27043	0.18	ng	96
24) Pentachlorophenol	16.776	266	1090	0.31	ng	99
25) Phenanthrene	17.153	178	19060m	0.06	ng	
34) Bis(2-ethylhexyl)phtha...	21.229	149	59782	0.53	ng	# 95

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

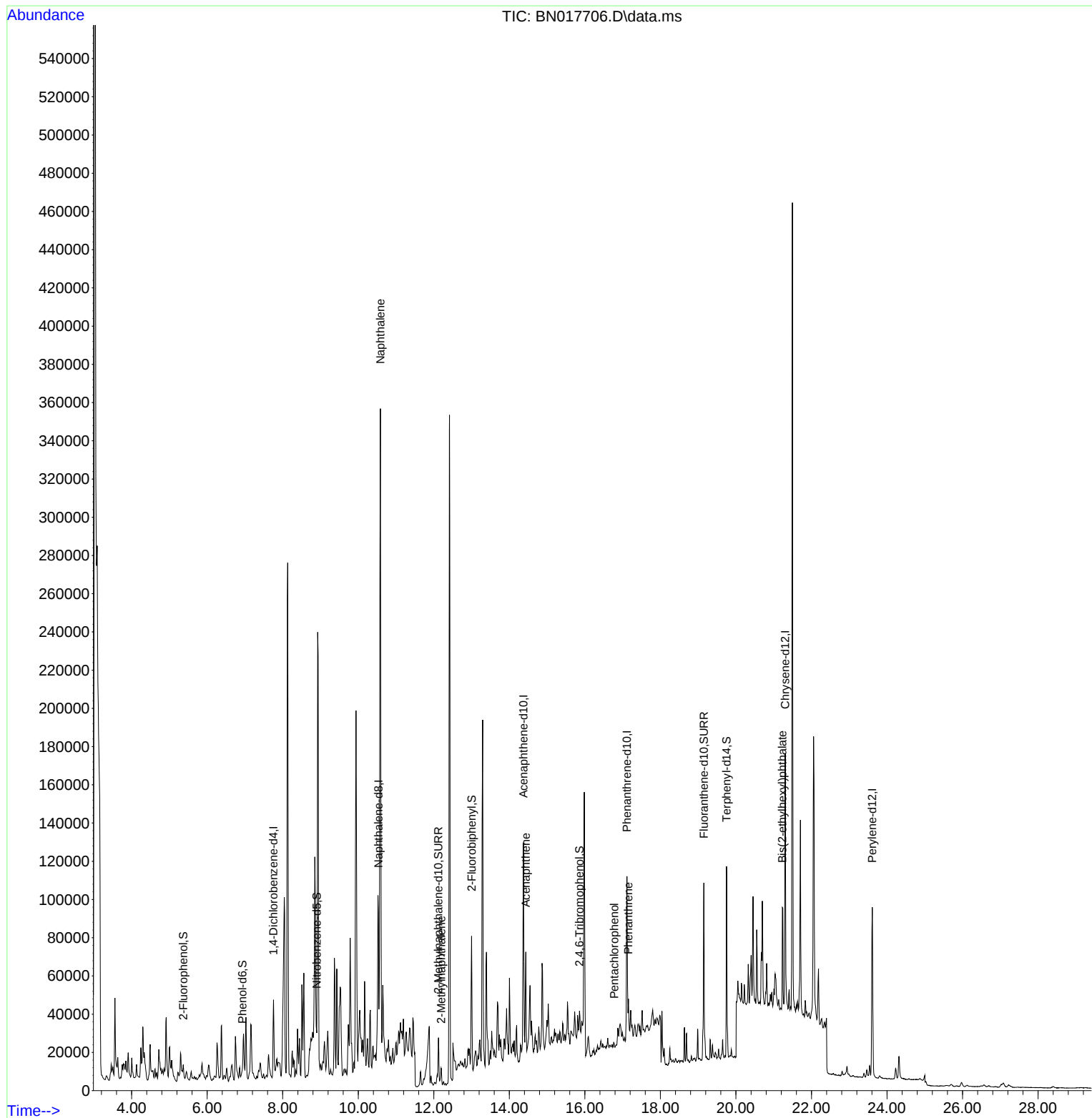
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
Data File : BN017706.D
Acq On : 04 Dec 2021 00:32
Operator : CG/JU
Sample : M4917-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

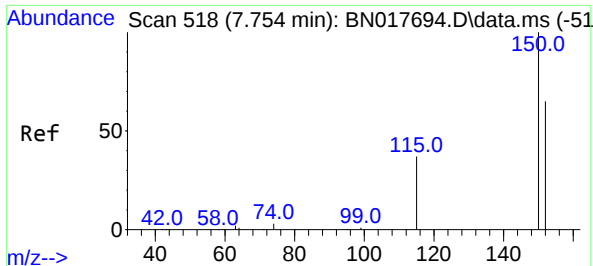
Instrument :
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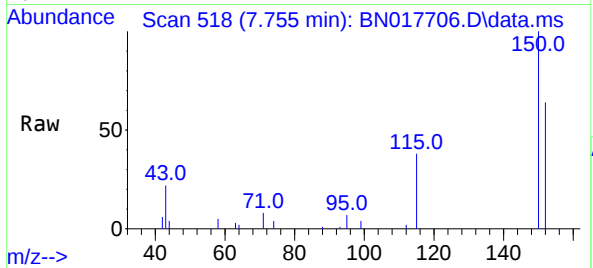
Quant Time: Dec 04 01:41:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 23:07:38 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.755 min Scan# 518
Delta R.T. 0.001 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

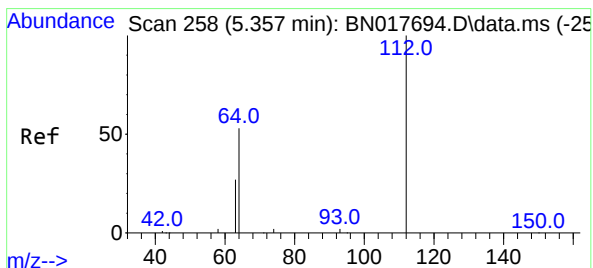
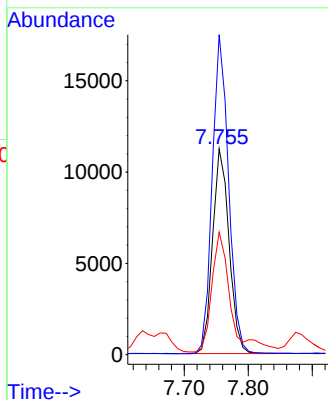
Instrument :
BNA_N
ClientSampleId :
MW-22



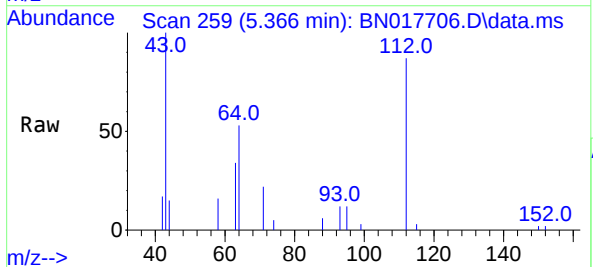
Tgt Ion:152 Resp: 20049
Ion Ratio Lower Upper
152 100
150 155.4 123.0 184.4
115 59.5 45.6 68.4

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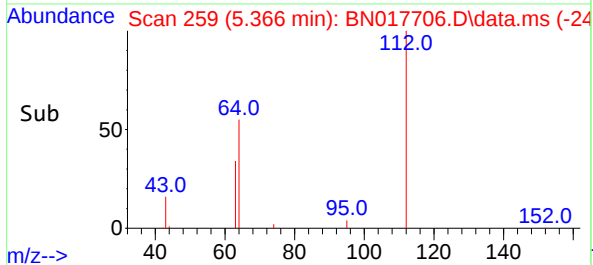
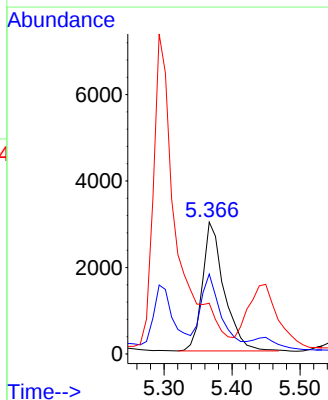
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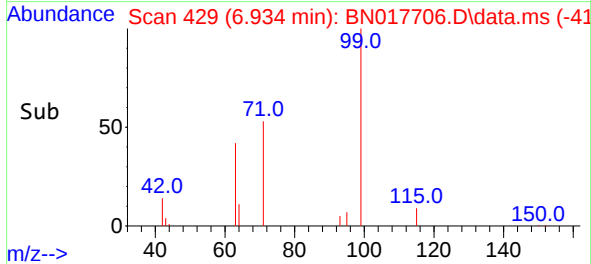
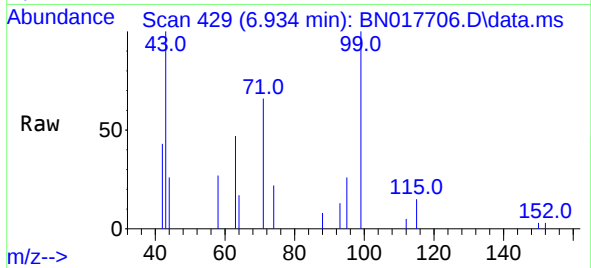
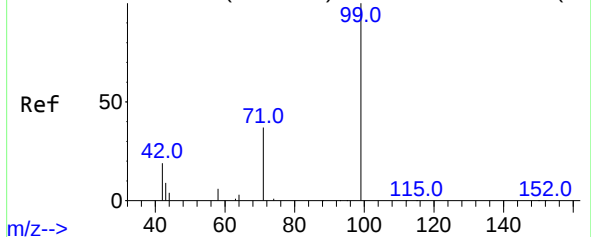
#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.366 min Scan# 259
Delta R.T. 0.010 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32



Tgt Ion:112 Resp: 6609
Ion Ratio Lower Upper
112 100
64 44.9 47.6 71.4#
63 0.0 24.6 37.0#



Abundance Scan 428 (6.924 min): BN017694.D\data.ms (-42



#5

Phenol-d6

Concen: 0.08 ng

RT: 6.934 min Scan# 428

Delta R.T. 0.010 min

Lab File: BN017706.D

Acq: 04 Dec 2021 00:32

Instrument :

BNA_N

ClientSampleId :

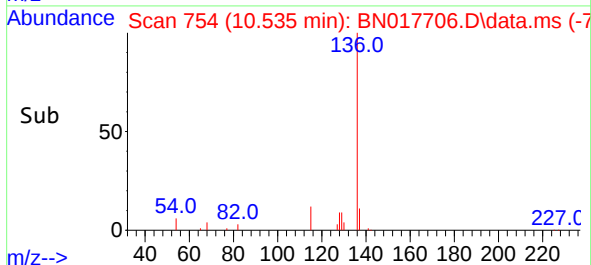
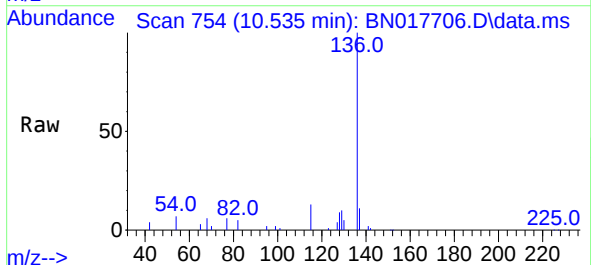
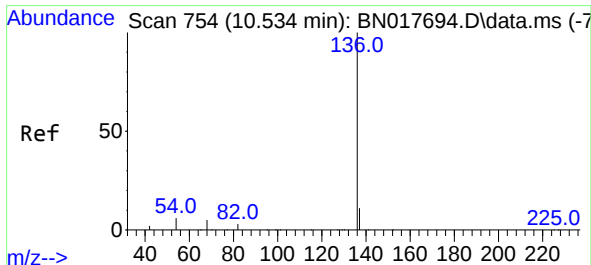
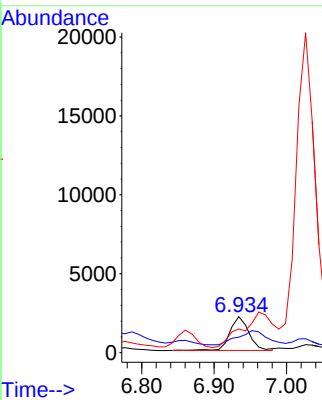
MW-22

Tgt Ion: 99	Resp: 390
Ion Ratio	Lower Upper
99 100	
42 0.0	17.0 25.6
71 0.0	24.8 37.2

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#7

Naphthalene-d8

Concen: 0.40 ng

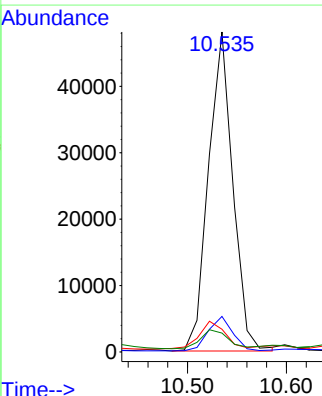
RT: 10.535 min Scan# 754

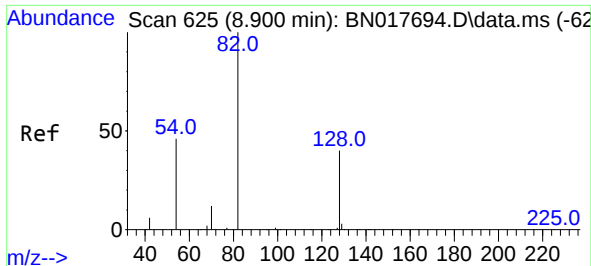
Delta R.T. 0.000 min

Lab File: BN017706.D

Acq: 04 Dec 2021 00:32

Tgt Ion:136	Resp: 82258
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 7.1	4.0 6.0#
68 5.9	3.0 4.6#





#8
Nitrobenzene-d5
Concen: 0.37 ng m
RT: 8.900 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Instrument :

BNA_N

ClientSampleId :

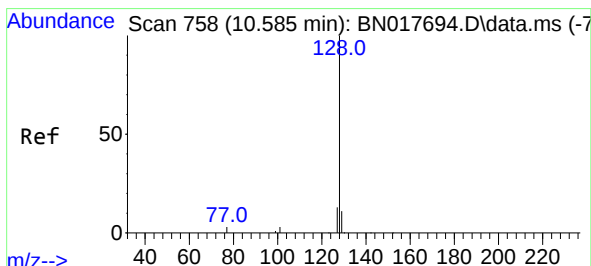
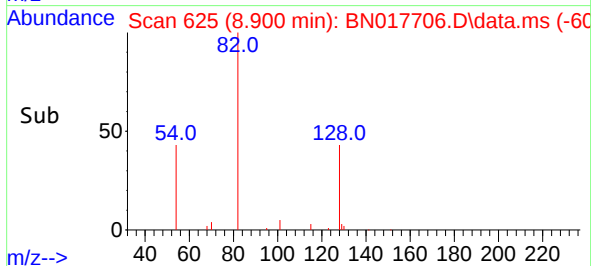
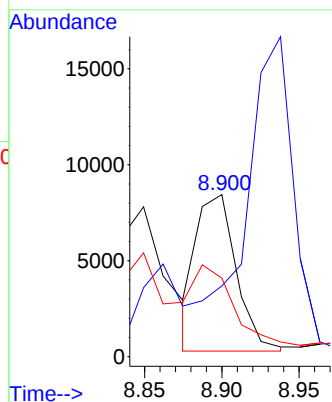
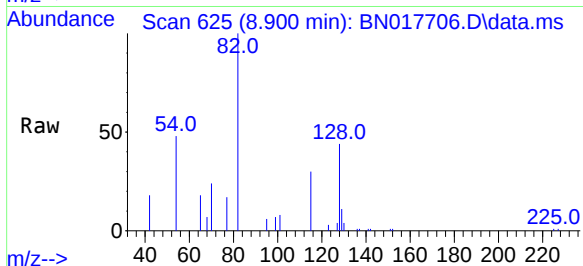
MW-22

Tgt Ion: 82 Resp: 14628
Ion Ratio Lower Upper
82 100
128 43.7 27.7 41.5
54 48.5 49.2 73.8

Manual Integrations

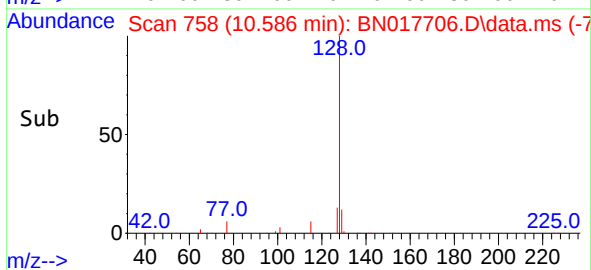
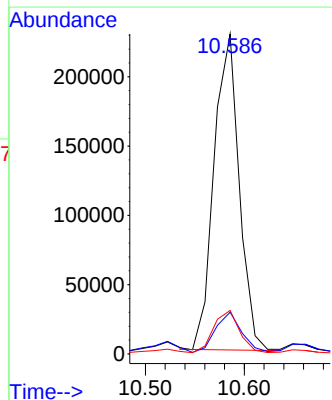
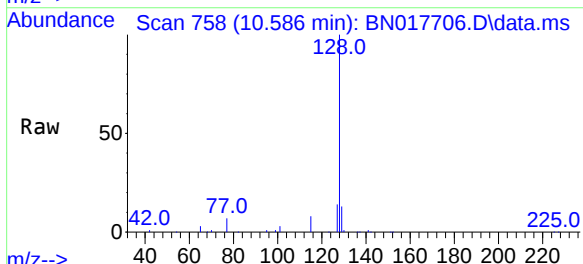
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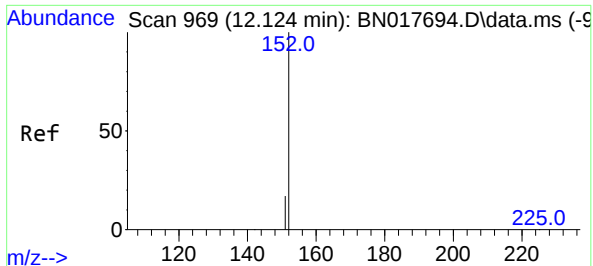
Reviewed By :Jagrut Upadhyay 12/06/2021
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#9
Naphthalene
Concen: 1.92 ng
RT: 10.586 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

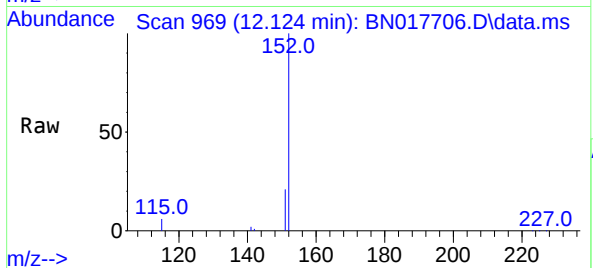
Tgt Ion:128 Resp: 403212
Ion Ratio Lower Upper
128 100
129 13.0 8.8 13.2
127 13.6 10.6 15.8





#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.124 min Scan# 901
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

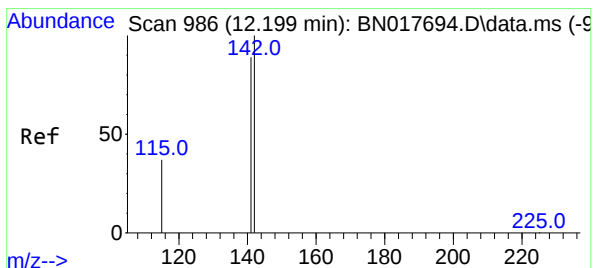
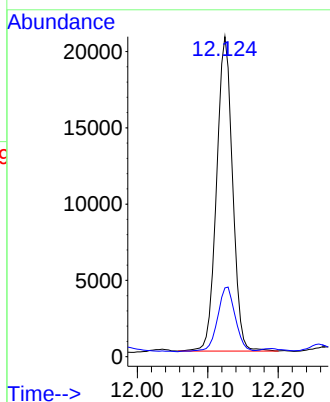
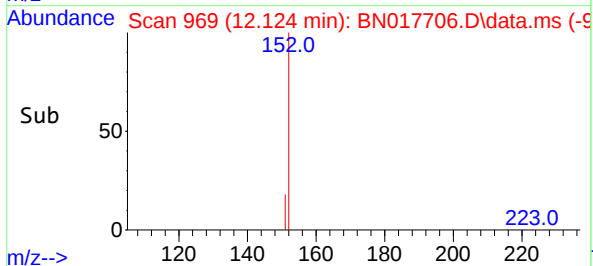
Instrument :
BNA_N
ClientSampleId :
MW-22



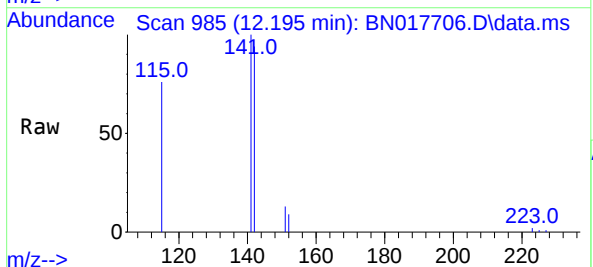
Tgt Ion:152 Resp: 3240
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.4

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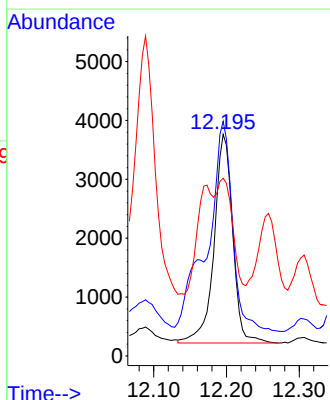
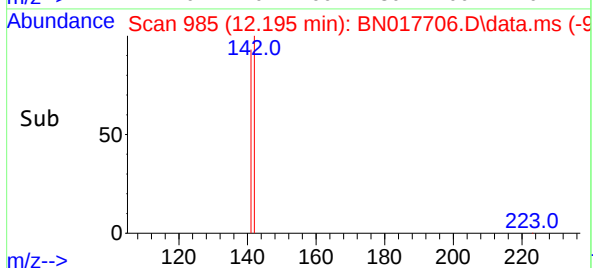
Reviewed By :Jagrut Upadhyay 12/06/2021
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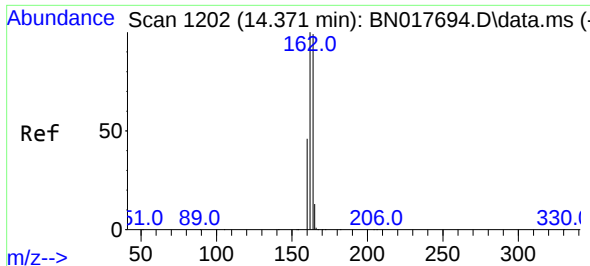


#12
2-Methylnaphthalene
Concen: 0.05 ng
RT: 12.195 min Scan# 985
Delta R.T. -0.004 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32



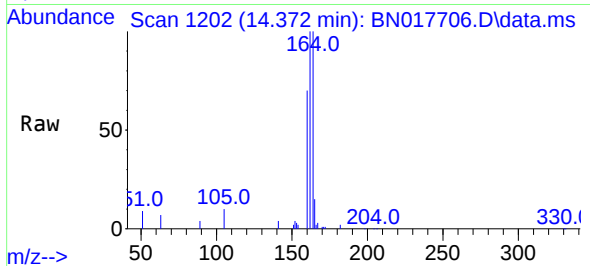
Tgt Ion:142 Resp: 6326
Ion Ratio Lower Upper
142 100
141 105.9 70.6 106.0
115 80.2 25.8 38.6#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

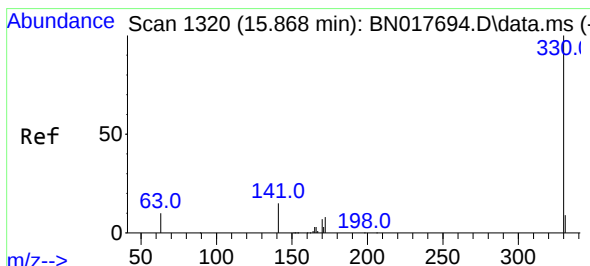
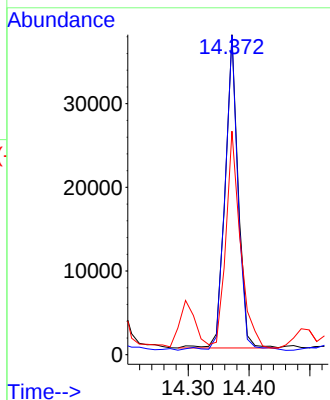
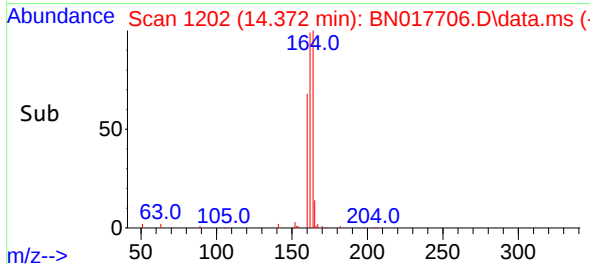
Instrument :
BNA_N
ClientSampleId :
MW-22



Tgt Ion:164 Resp: 55950
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.2
160 69.8 36.8 55.2

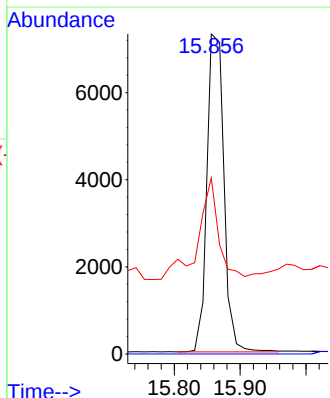
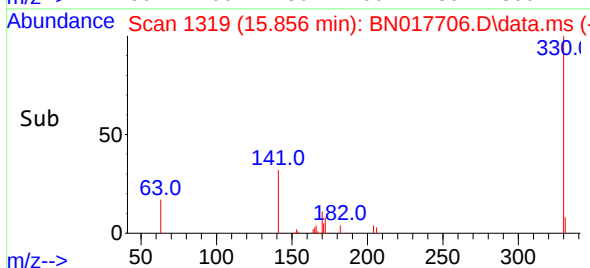
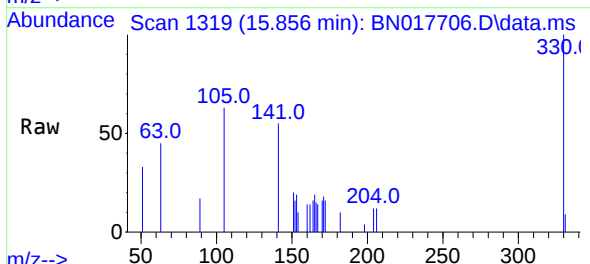
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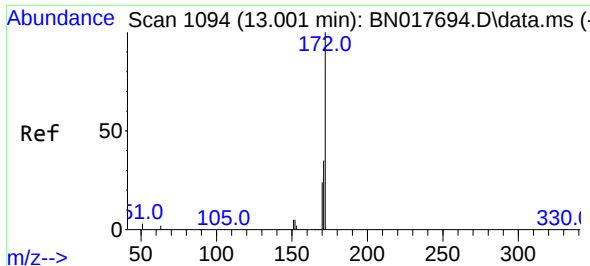
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#14
2,4,6-Tribromophenol
Concen: 0.50 ng
RT: 15.856 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Tgt Ion:330 Resp: 13128
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.1 28.9 43.3





#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Instrument :

BNA_N

ClientSampleId :

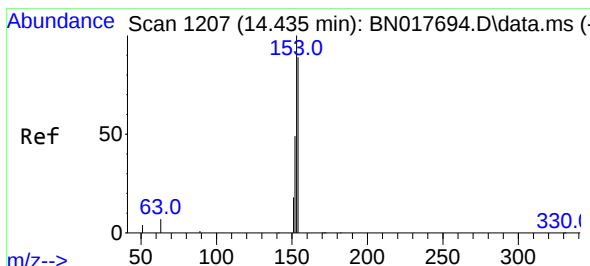
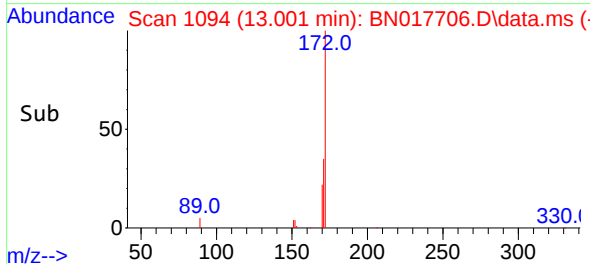
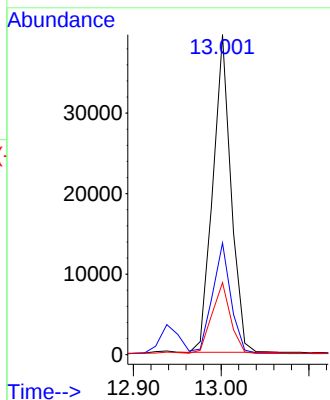
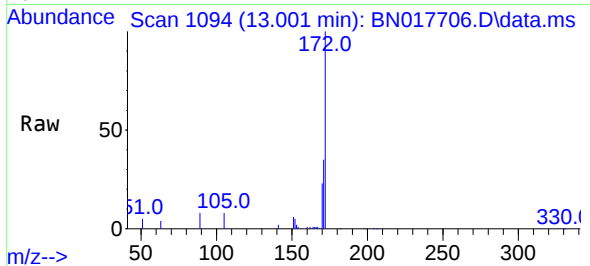
MW-22

Tgt Ion:172 Resp: 56939
Ion Ratio Lower Upper
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171 34.9 28.7 43.1
170 22.5 19.4 29.2

Manual Integrations

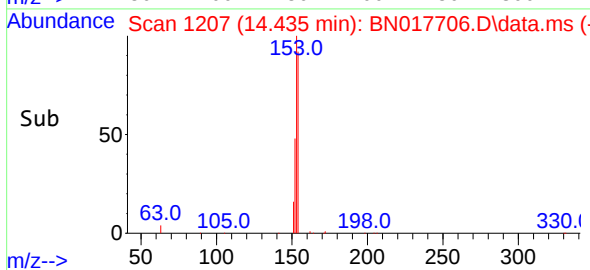
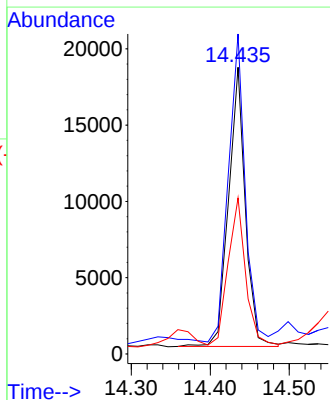
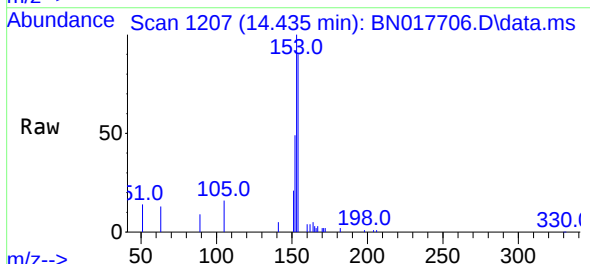
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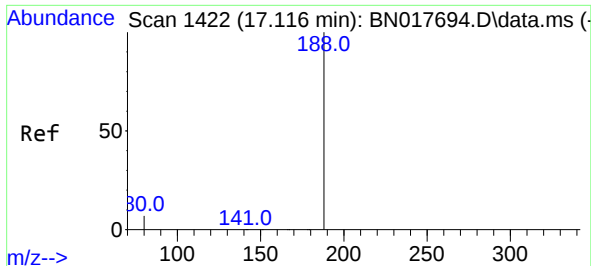
Reviewed By :Jagrut Upadhyay 12/06/2021
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#17
Acenaphthene
Concen: 0.18 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

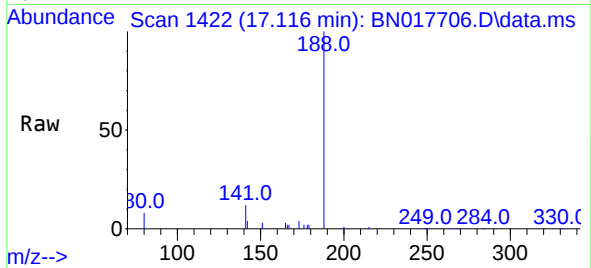
Tgt Ion:154 Resp: 27043
Ion Ratio Lower Upper
154 100
153 108.5 91.2 136.8
152 54.4 44.3 66.5





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

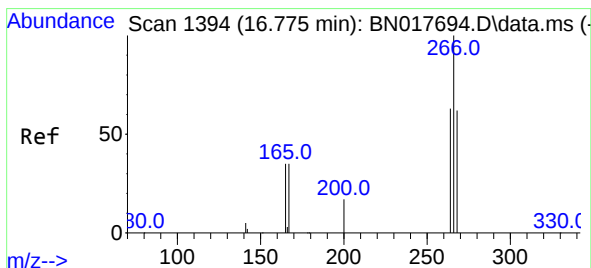
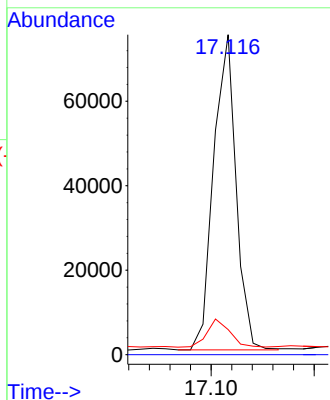
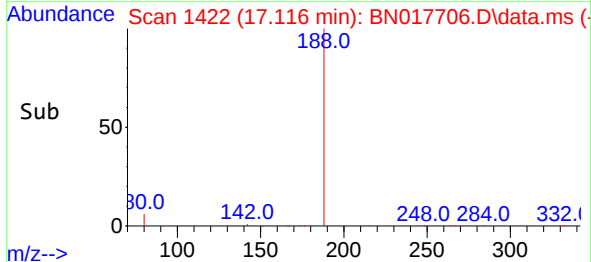
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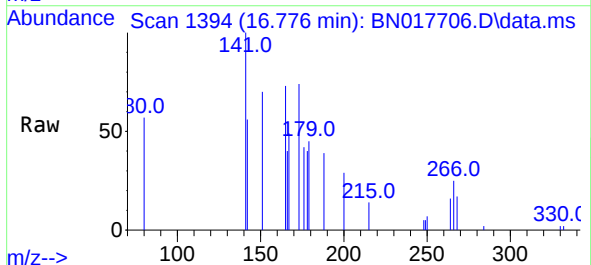
Tgt Ion:188 Resp: 11290
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 7.8 6.1 9.1

Manual Integrations
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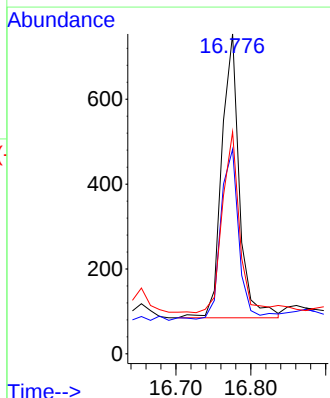
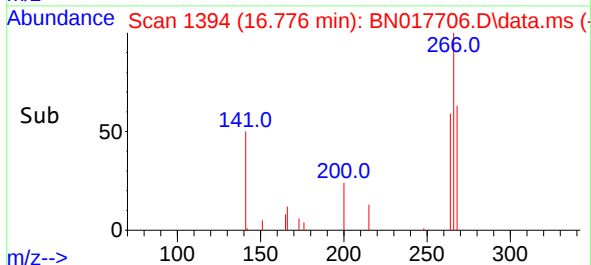
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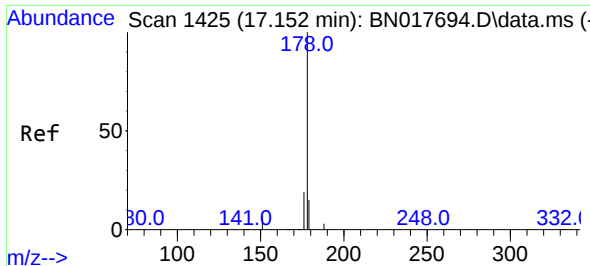


#24
Pentachlorophenol
Concen: 0.31 ng
RT: 16.776 min Scan# 1394
Delta R.T. 0.001 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32



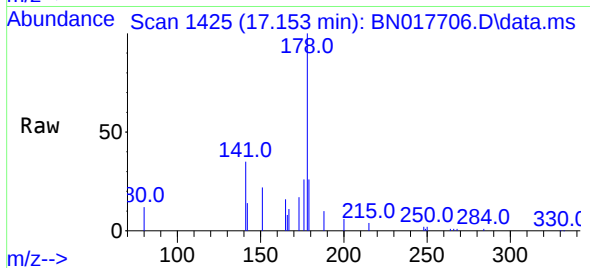
Tgt Ion:266 Resp: 1090
Ion Ratio Lower Upper
266 100
264 60.5 49.8 74.8
268 63.9 51.3 76.9





#25
Phenanthrene
Concen: 0.06 ng m
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

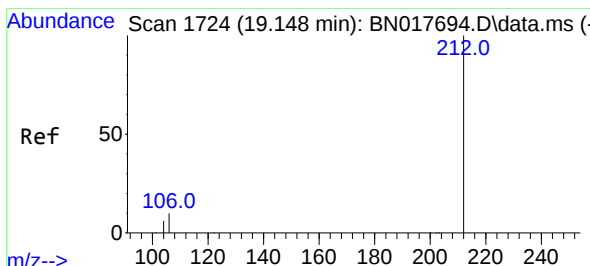
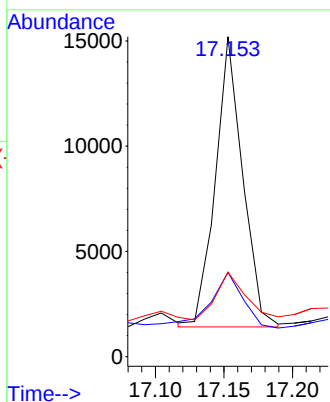
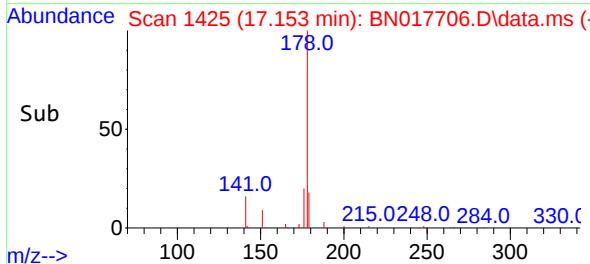
Instrument :
BNA_N
ClientSampleId :
MW-22



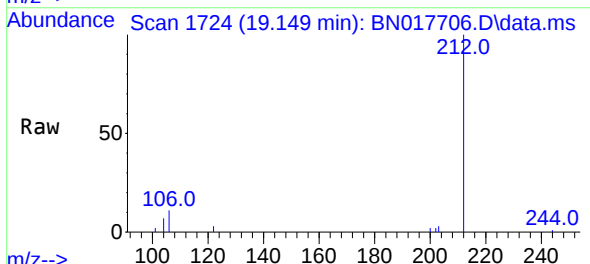
Tgt Ion:178 Resp: 19060
Ion Ratio Lower Upper
178 100
176 24.0 15.0 22.6
179 18.6 12.3 18.5

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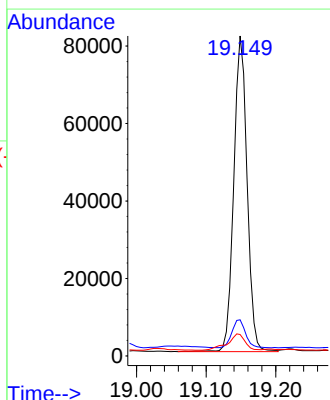
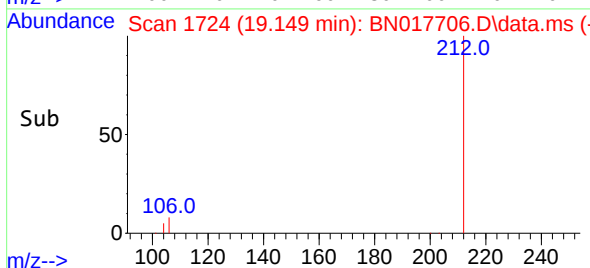
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

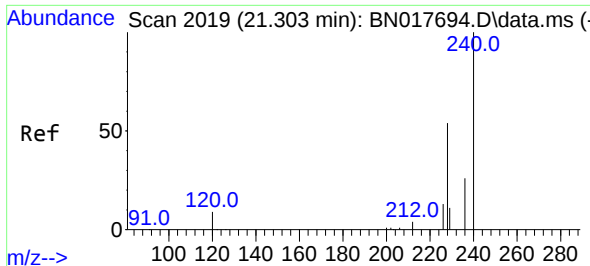


#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.149 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32



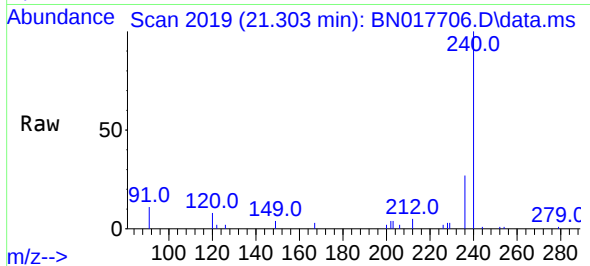
Tgt Ion:212 Resp: 108253
Ion Ratio Lower Upper
212 100
106 9.1 10.5 15.7#
104 6.7 5.8 8.6





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

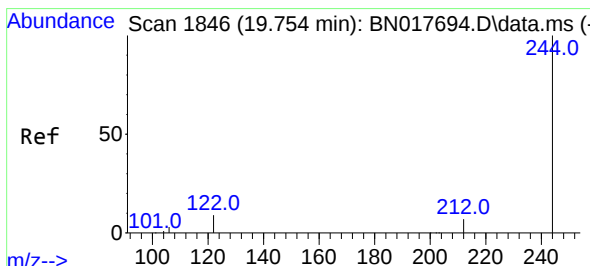
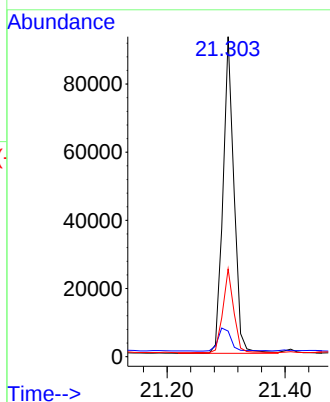
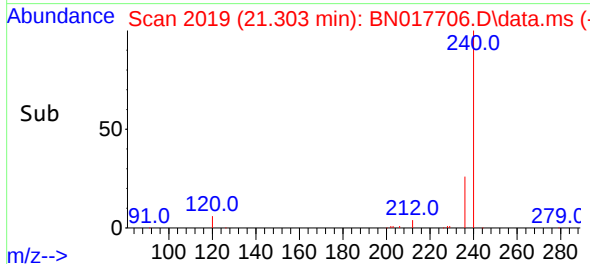
Instrument :
BNA_N
ClientSampleId :
MW-22



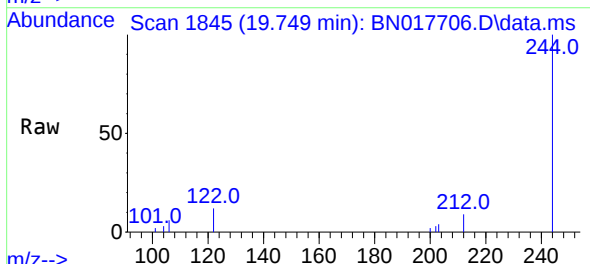
Tgt Ion:240 Resp: 11957
Ion Ratio Lower Upper
240 100
120 8.0 4.2 6.2
236 27.4 20.0 30.0

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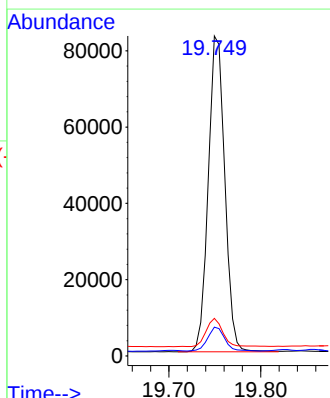
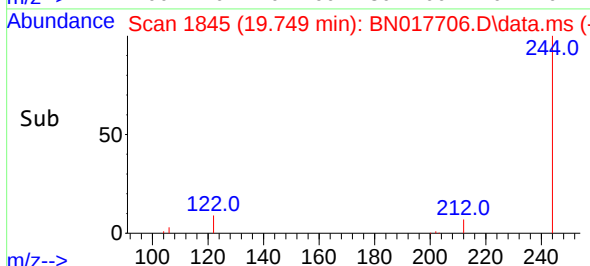
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

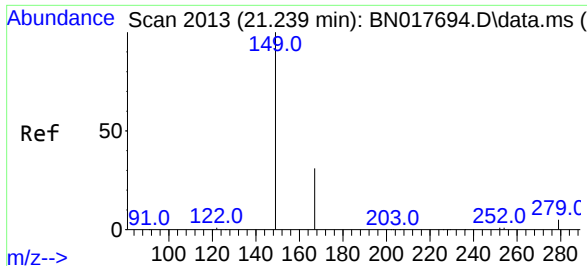


#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.749 min Scan# 1845
Delta R.T. -0.005 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32



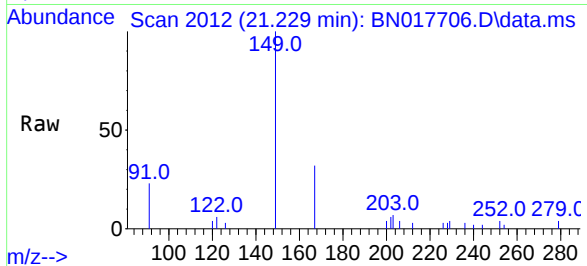
Tgt Ion:244 Resp: 103806
Ion Ratio Lower Upper
244 100
212 9.0 5.7 8.5
122 11.8 8.6 13.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ng
RT: 21.229 min Scan# 2013
Delta R.T. -0.010 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

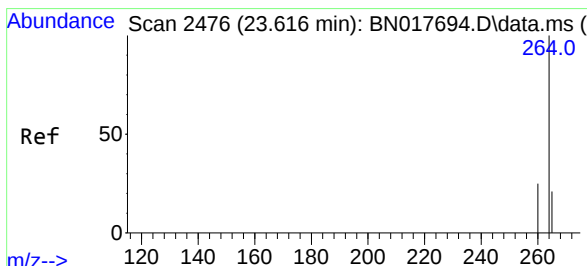
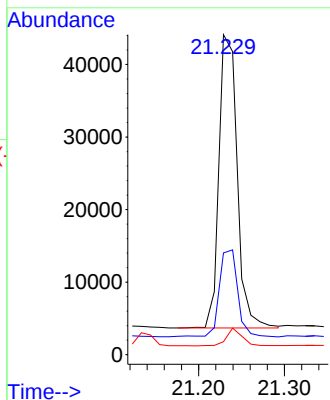
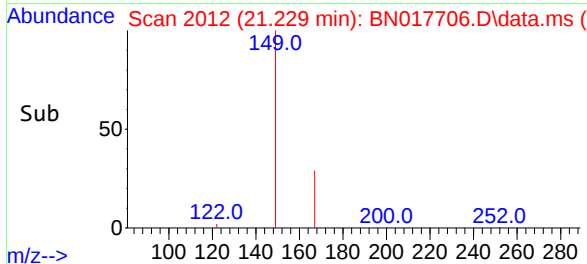
Instrument :
BNA_N
ClientSampleId :
MW-22



Tgt Ion:149 Resp: 5978
Ion Ratio Lower Upper
149 100
167 29.9 21.8 32.6
279 5.2 3.4 5.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.609 min Scan# 2474
Delta R.T. -0.006 min
Lab File: BN017706.D
Acq: 04 Dec 2021 00:32

Tgt Ion:264 Resp: 120235
Ion Ratio Lower Upper
264 100
260 26.4 19.4 29.2
265 24.3 18.6 28.0

