

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017708.D
 Acq On : 04 Dec 2021 01:44
 Operator : CG/JU
 Sample : M4917-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-23

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 02:20:29 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	7.773	152	20741	0.40	ng	0.02
7) Naphthalene-d8	10.547	136	84307	0.40	ng	# 0.01
13) Acenaphthene-d10	14.372	164	76622	0.40	ng	# 0.00
19) Phenanthrene-d10	17.116	188	124796	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	131635	0.40	ng	# 0.00
35) Perylene-d12	23.613	264	134566	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	26026	0.53	ng	0.03
5) Phenol-d6	6.943	99	6966	0.14	ng	0.02
8) Nitrobenzene-d5	8.913	82	19359m	0.47	ng	0.01
11) 2-Methylnaphthalene-d10	12.129	152	42335	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	9057	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	75089	0.26	ng	0.00
27) Fluoranthene-d10	19.149	212	120864	0.30	ng	0.00
31) Terphenyl-d14	19.754	244	119954	0.41	ng	0.00
Target Compounds						
9) Naphthalene	10.611	128	25127015	116.89	ng	# 93
12) 2-Methylnaphthalene	12.218	142	8230840	58.63	ng	# 94
17) Acenaphthene	14.435	154	212836	1.06	ng	96
18) Fluorene	15.425	166	369753	1.48	ng	# 96
24) Pentachlorophenol	16.776	266	954	0.31	ng	87
25) Phenanthrene	17.153	178	446743	1.35	ng	96
26) Anthracene	17.250	178	30986	0.11	ng	# 81
28) Fluoranthene	19.183	202	35562	0.09	ng	# 93
30) Pyrene	19.541	202	33734	0.08	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.229	149	223837	1.79	ng	# 95

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

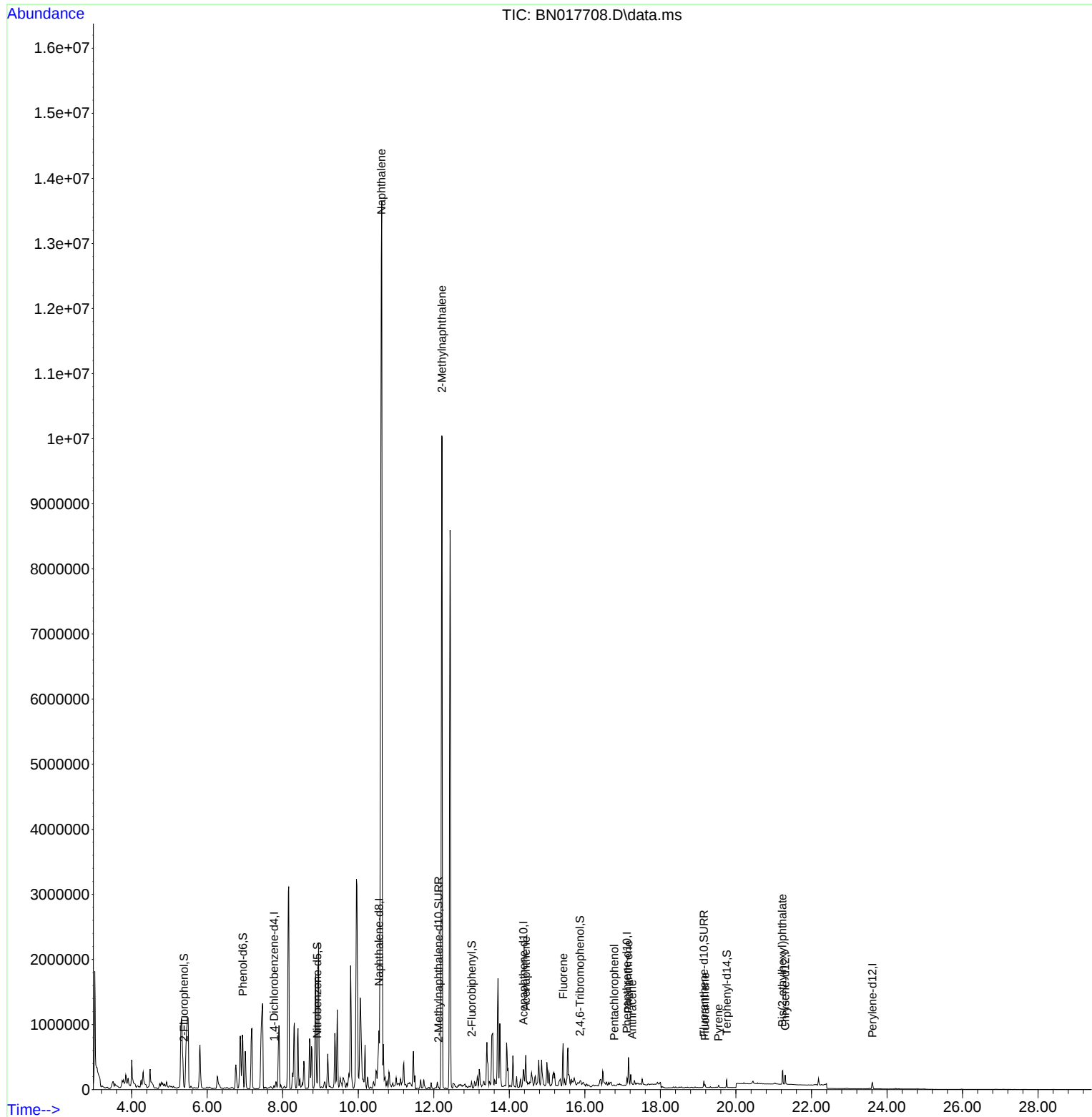
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
Data File : BN017708.D
Acq On : 04 Dec 2021 01:44
Operator : CG/JU
Sample : M4917-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

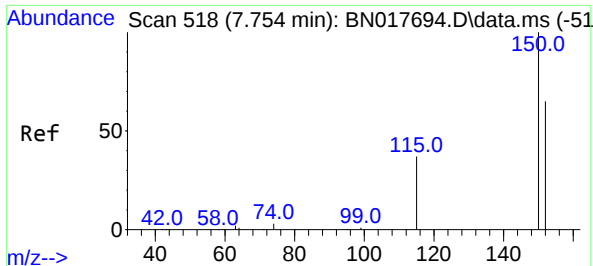
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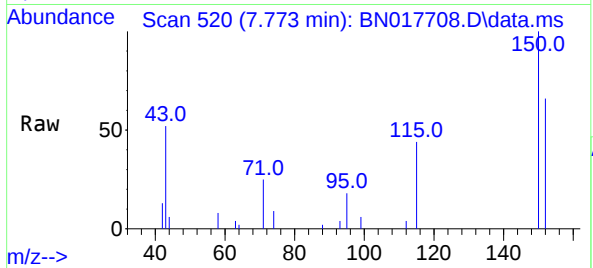
Quant Time: Dec 04 02:20:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 23:07:38 2021
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#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.773 min Scan# 518
Delta R.T. 0.019 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

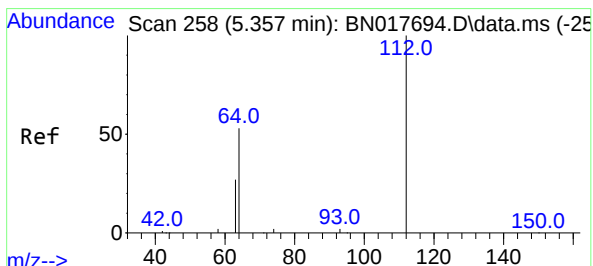
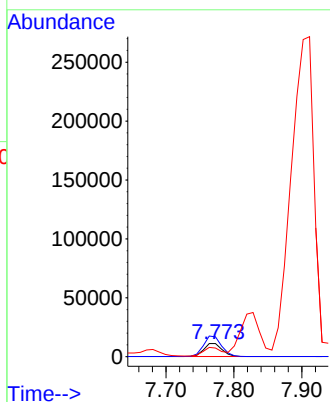
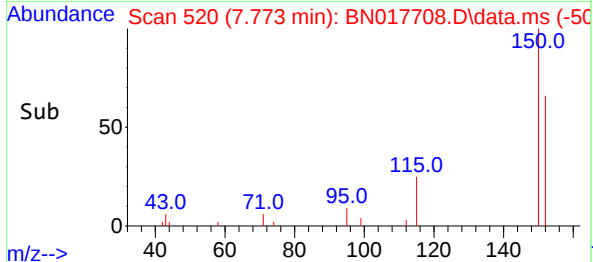
Instrument :
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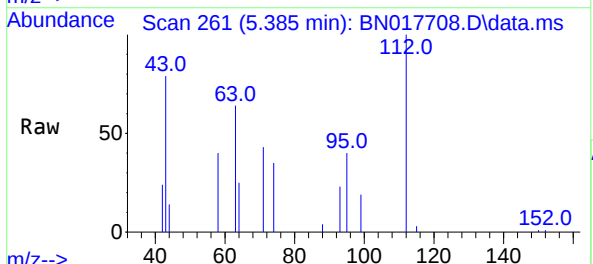
Tgt Ion:152 Resp: 2074
Ion Ratio Lower Upper
152 100
150 150.4 123.0 184.4
115 65.9 45.6 68.4

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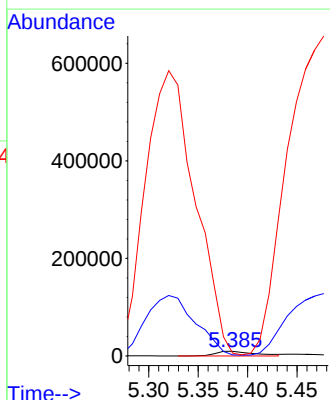
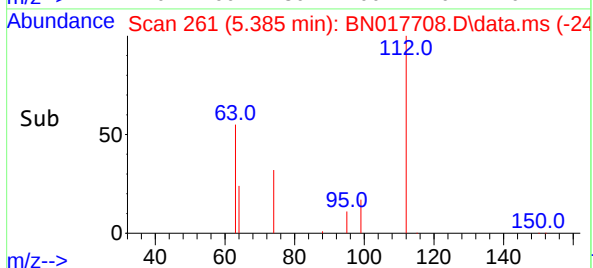
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

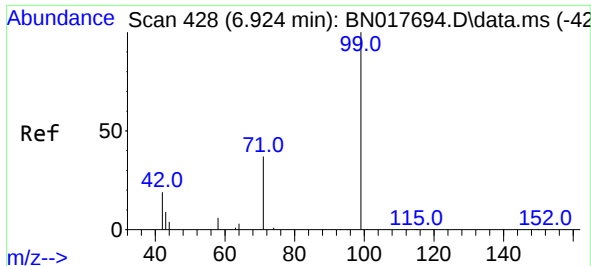


#4
2-Fluorophenol
Concen: 0.53 ng
RT: 5.385 min Scan# 261
Delta R.T. 0.028 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44



Tgt Ion:112 Resp: 26026
Ion Ratio Lower Upper
112 100
64 0.0 47.6 71.4#
63 0.0 24.6 37.0#





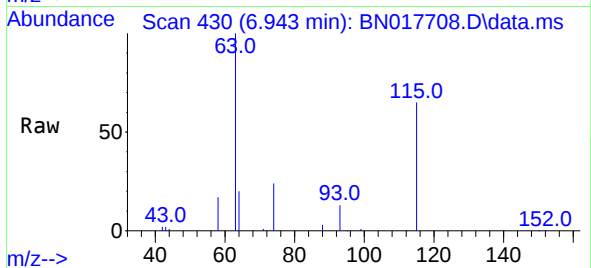
#5
Phenol-d6
Concen: 0.14 ng
RT: 6.943 min Scan# 41
Delta R.T. 0.019 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Instrument :

BNA_N

ClientSampleId :

MW-23

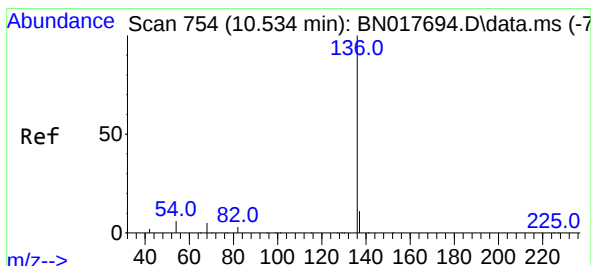
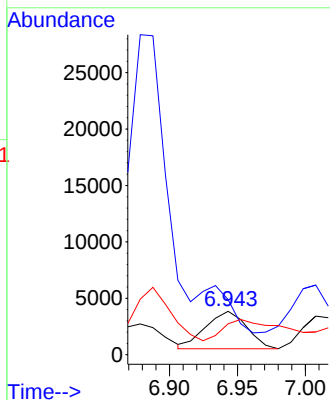
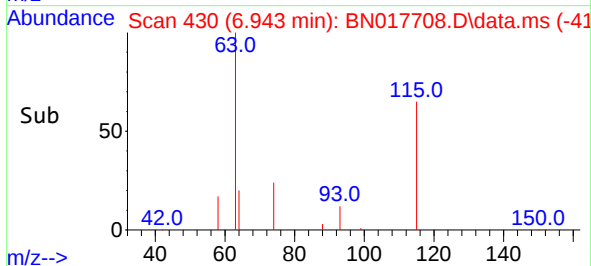


Tgt Ion: 99 Resp: 6960
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6
71 79.3 24.8 37.2

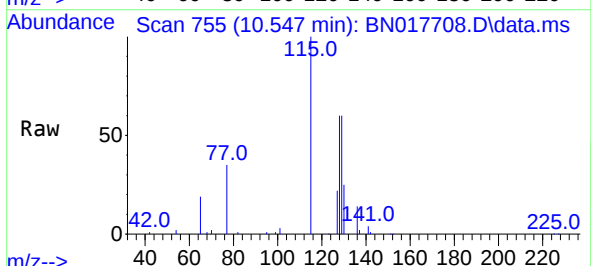
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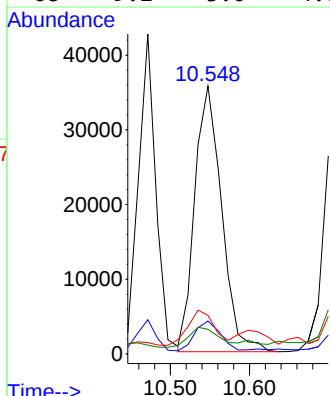
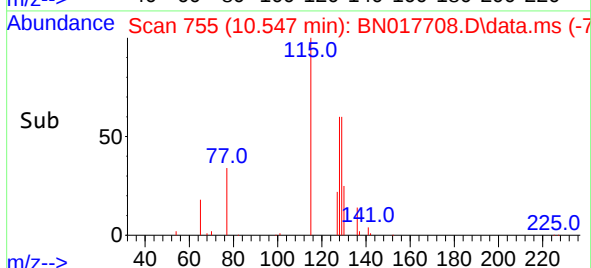
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

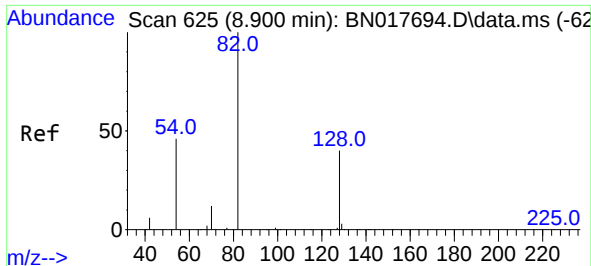


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.547 min Scan# 755
Delta R.T. 0.013 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44



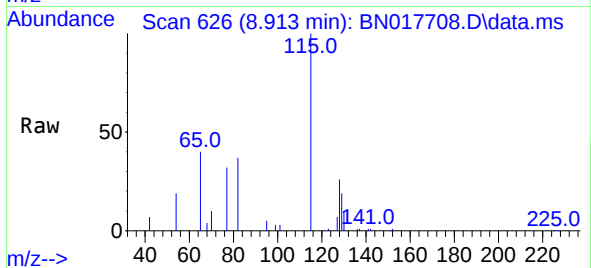
Tgt Ion:136 Resp: 84307
Ion Ratio Lower Upper
136 100
137 12.3 8.8 13.2
54 14.4 4.0 6.0#
68 9.2 3.0 4.6#





#8
Nitrobenzene-d5
Concen: 0.47 ng m
RT: 8.913 min Scan# 61
Delta R.T. 0.013 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

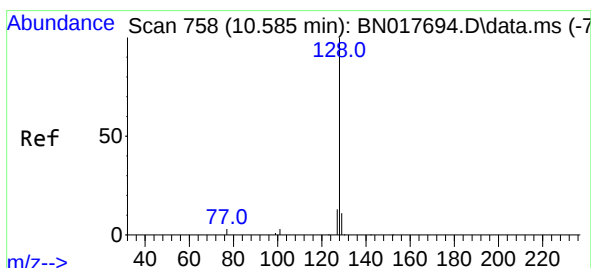
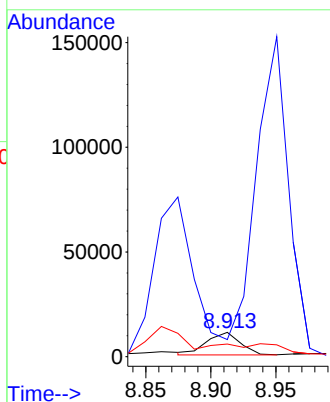
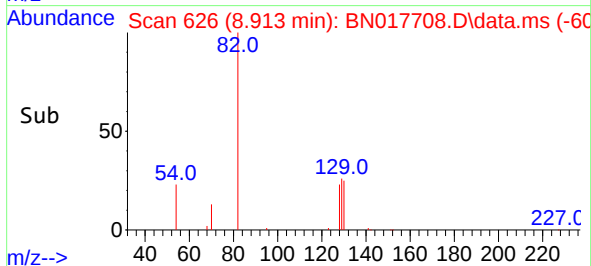
Instrument :
BNA_N
ClientSampleId :
MW-23



Tgt Ion: 82 Resp: 1935
Ion Ratio Lower Upper
82 100
128 70.6 27.7 41.5
54 51.7 49.2 73.8

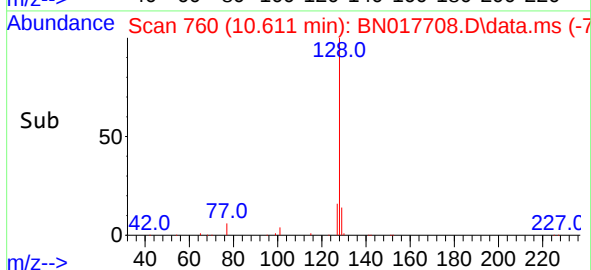
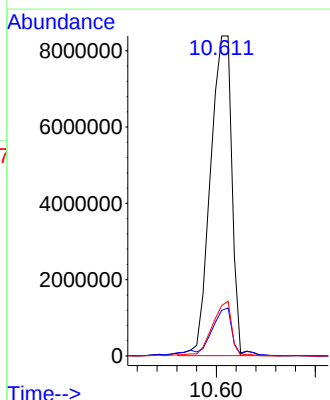
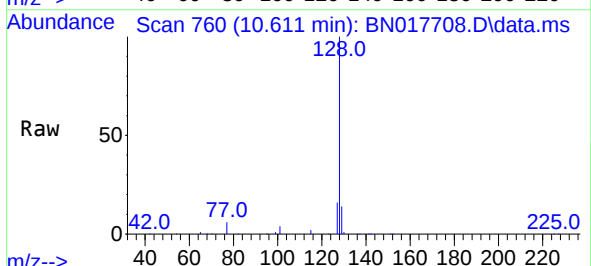
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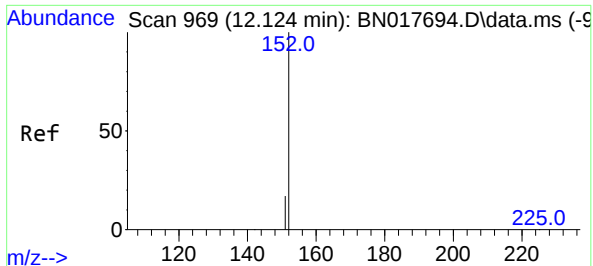
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#9
Naphthalene
Concen: 116.89 ng
RT: 10.611 min Scan# 760
Delta R.T. 0.026 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Tgt Ion:128 Resp:25127015
Ion Ratio Lower Upper
128 100
129 14.3 8.8 13.2
127 15.8 10.6 15.8





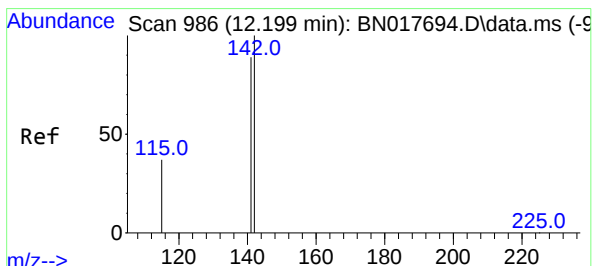
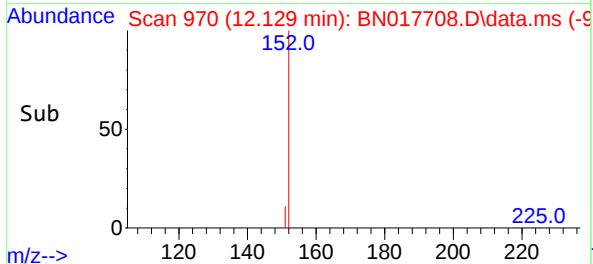
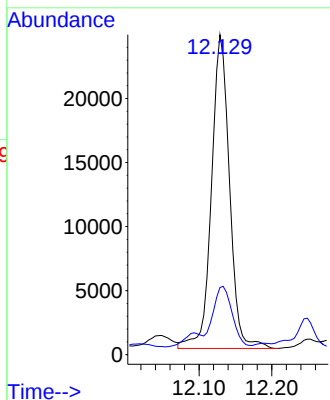
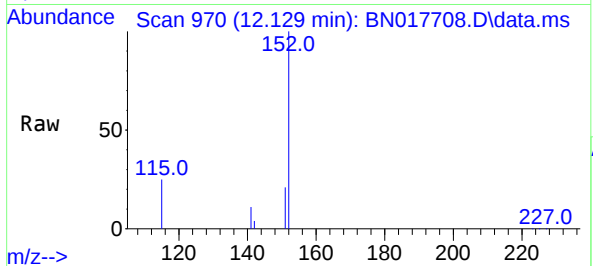
#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.129 min Scan# 91
Delta R.T. 0.005 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Instrument :
BNA_N
ClientSampleId :
MW-23

Tgt Ion:152 Resp: 42335
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4

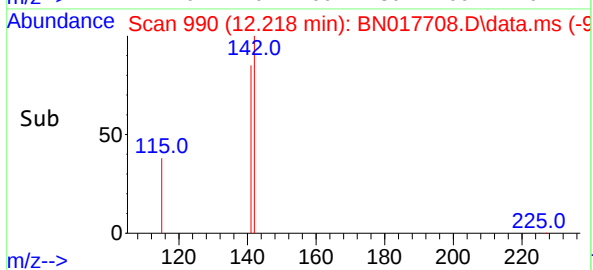
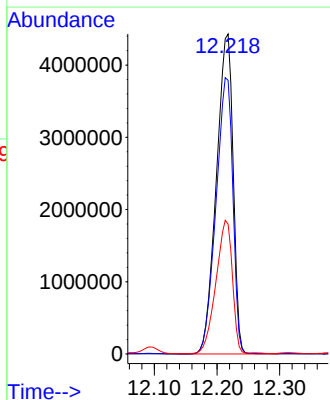
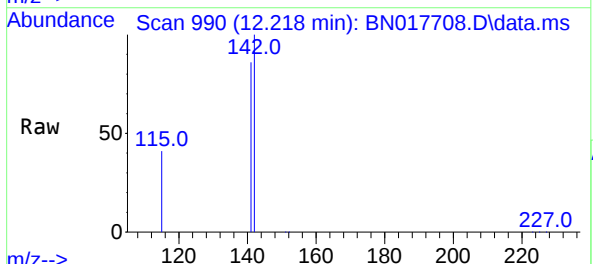
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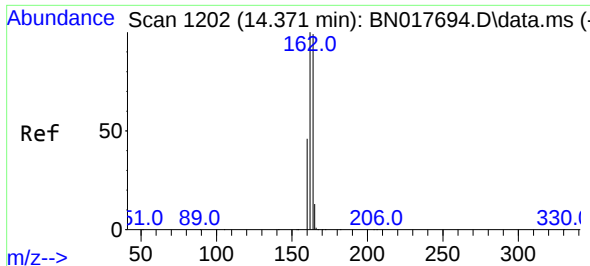
Reviewed By :Jagrut Upadhyay 12/06/2021
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#12
2-Methylnaphthalene
Concen: 58.63 ng
RT: 12.218 min Scan# 990
Delta R.T. 0.018 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

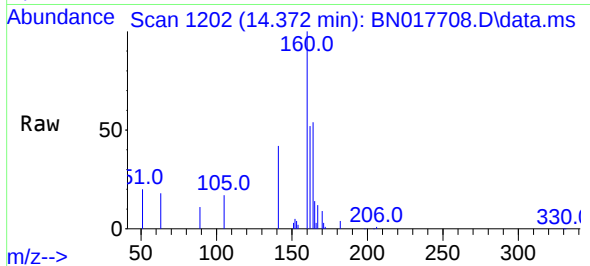
Tgt Ion:142 Resp: 8230840
Ion Ratio Lower Upper
142 100
141 85.5 70.6 106.0
115 40.5 25.8 38.6#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

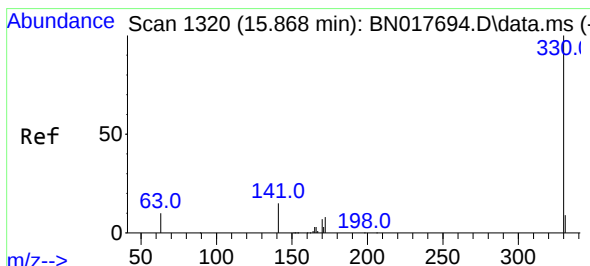
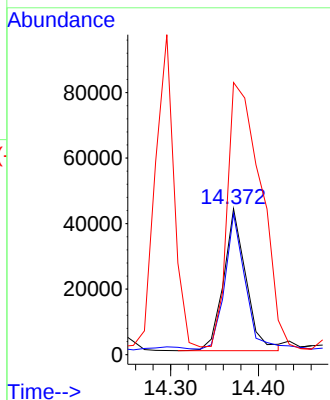
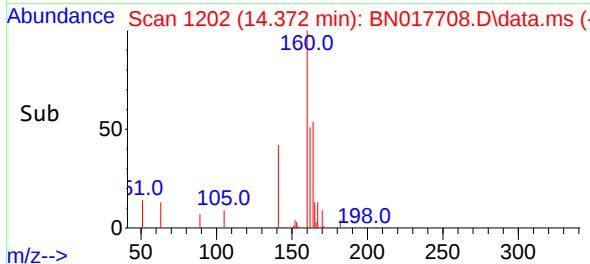
Instrument :
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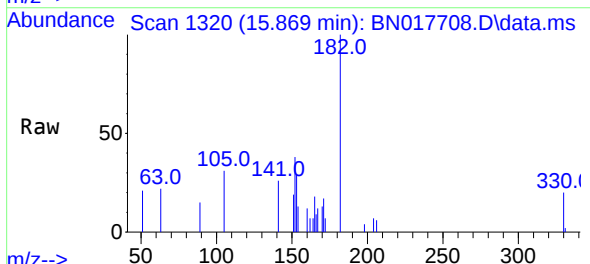
Tgt Ion:164 Resp: 7662
Ion Ratio Lower Upper
164 100
162 96.7 81.4 122.2
160 186.5 36.8 55.2

Manual Integrations
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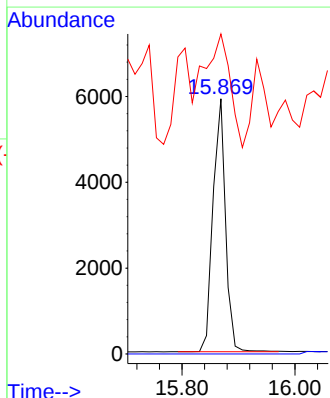
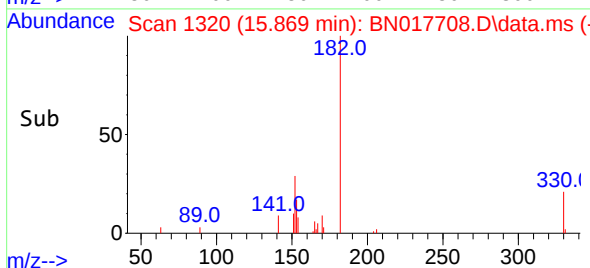
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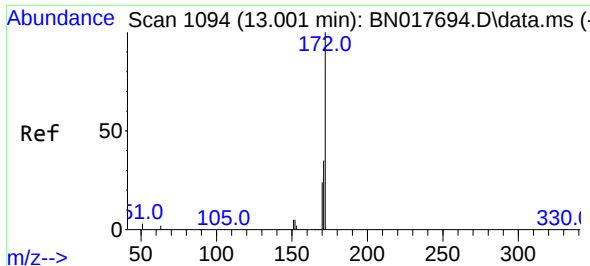


#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.869 min Scan# 1320
Delta R.T. 0.001 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44



Tgt Ion:330 Resp: 9057
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 93.7 28.9 43.3





#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Instrument :

BNA_N

ClientSampleId :

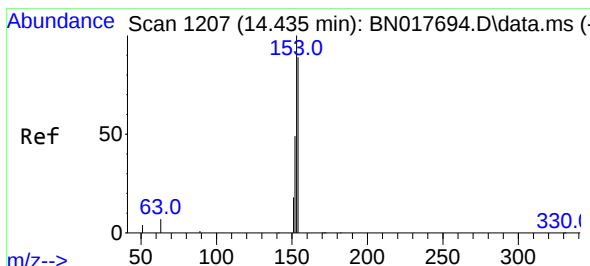
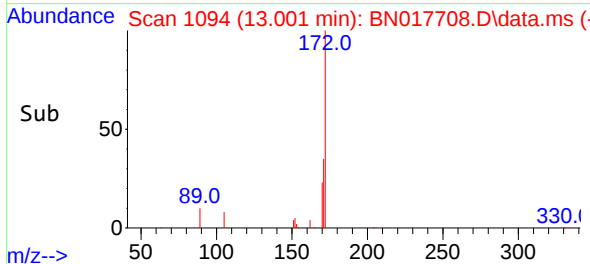
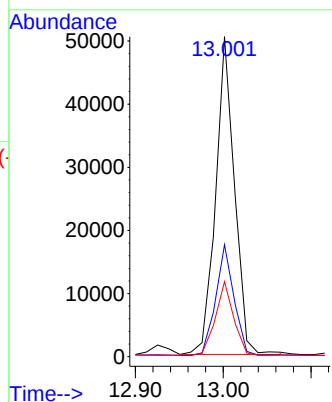
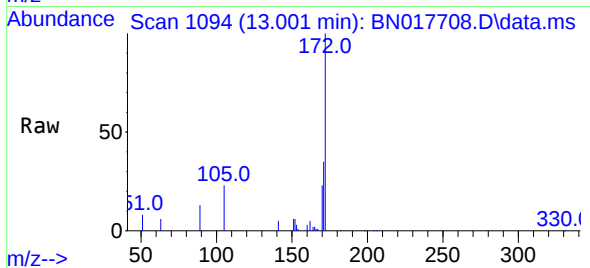
MW-23

Tgt Ion:172 Resp: 75089
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.5 19.4 29.2

Manual Integrations

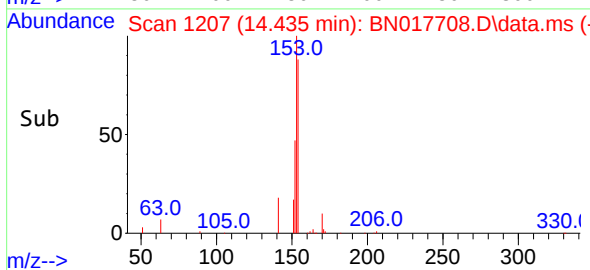
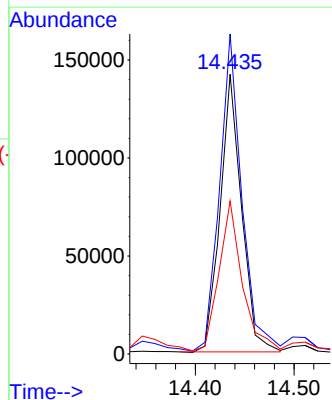
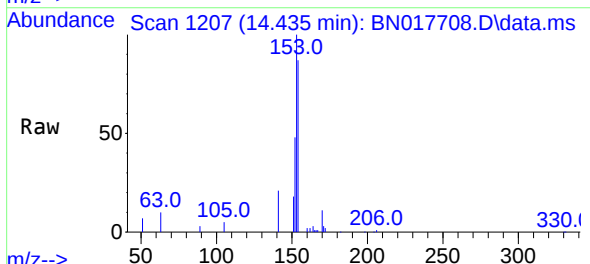
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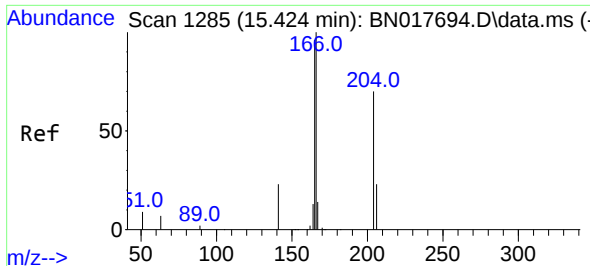
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#17
Acenaphthene
Concen: 1.06 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

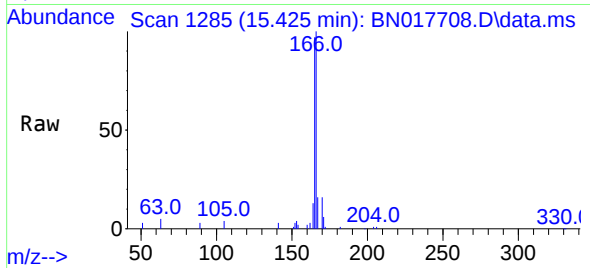
Tgt Ion:154 Resp: 212836
Ion Ratio Lower Upper
154 100
153 118.4 91.2 136.8
152 58.7 44.3 66.5





#18
Fluorene
Concen: 1.48 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

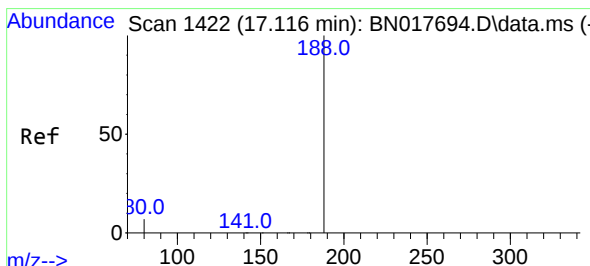
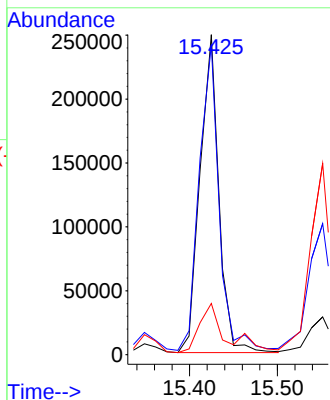
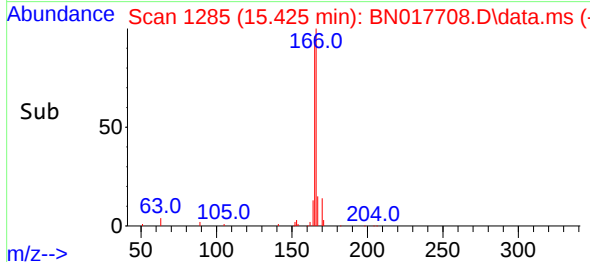
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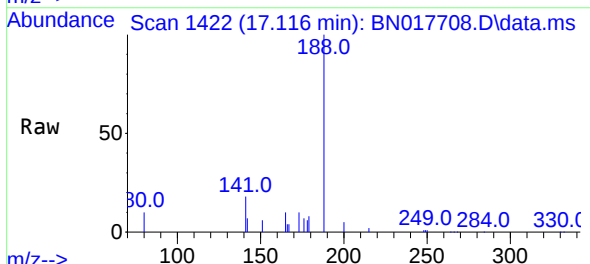
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Ion Ratio Lower Upper
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165 100.6 77.9 116.9
167 16.7 10.9 16.3

Manual Integrations
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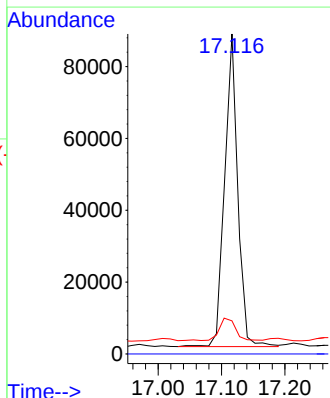
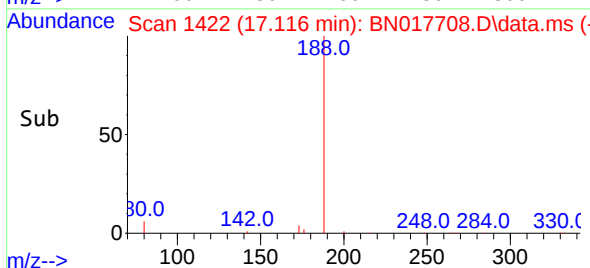
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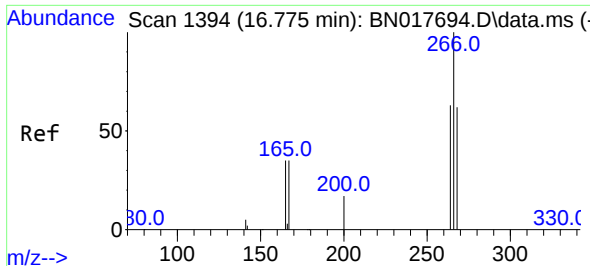


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44



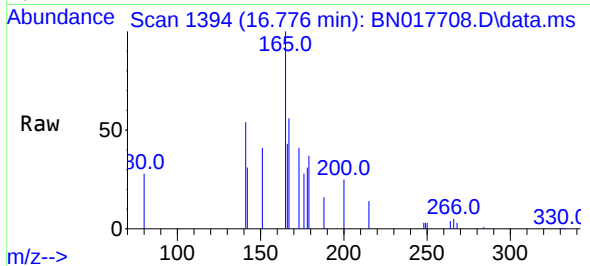
Tgt Ion:188 Resp: 124796
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 6.1 9.1





#24
Pentachlorophenol
Concen: 0.31 ng
RT: 16.776 min Scan# 1394
Delta R.T. 0.001 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

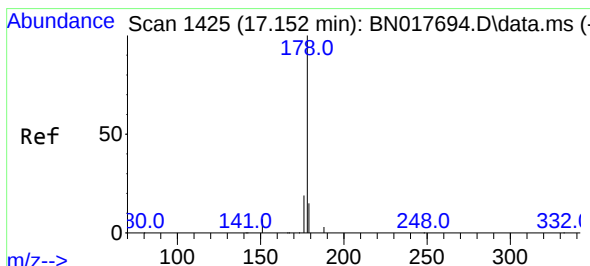
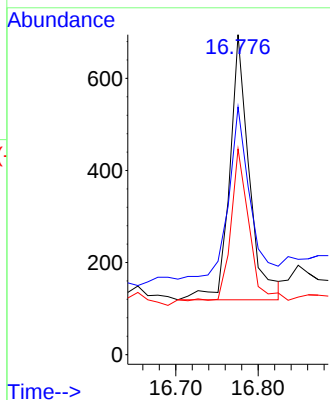
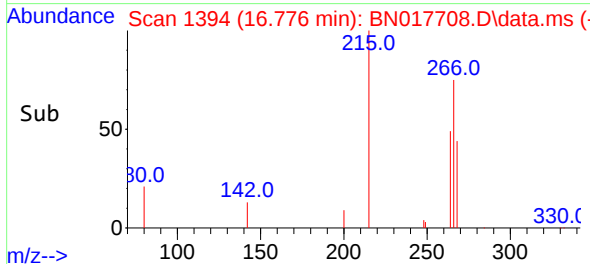
Instrument :
BNA_N
ClientSampleId :
MW-23



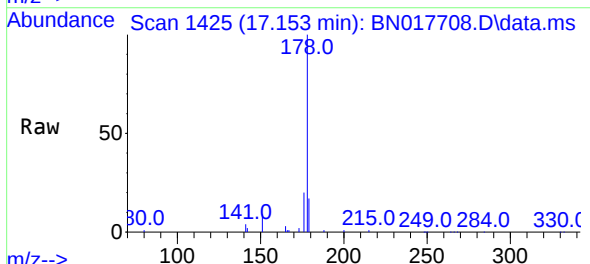
Tgt Ion:266 Resp: 954
Ion Ratio Lower Upper
266 100
264 70.6 49.8 74.8
268 52.3 51.3 76.9

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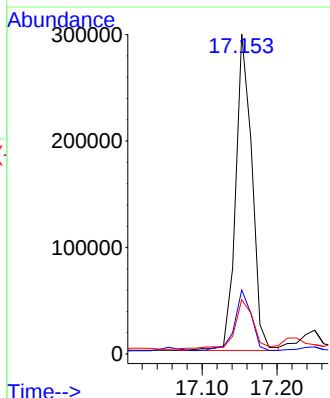
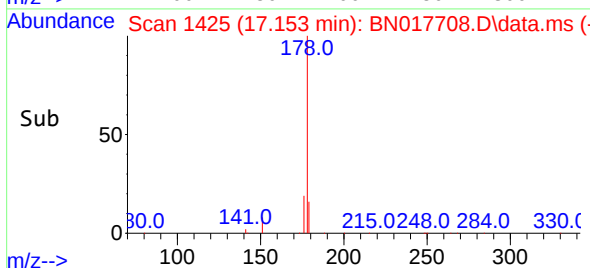
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

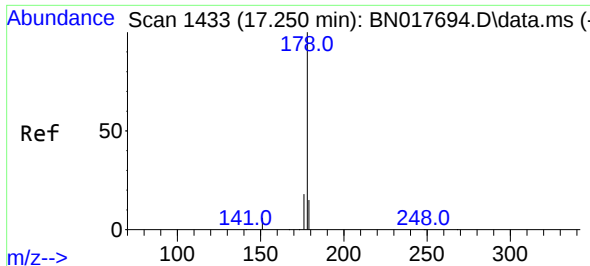


#25
Phenanthrene
Concen: 1.35 ng
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44



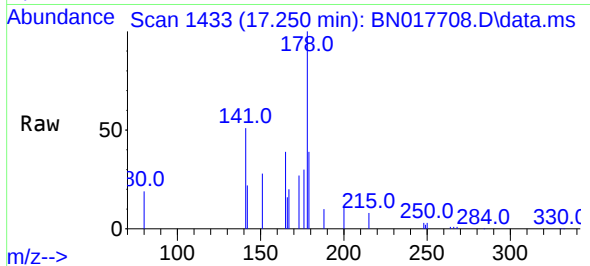
Tgt Ion:178 Resp: 446743
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 18.2 12.3 18.5





#26
 Anthracene
 Concen: 0.11 ng
 RT: 17.250 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BN017708.D
 Acq: 04 Dec 2021 01:44

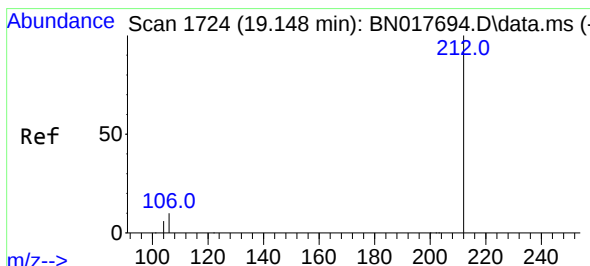
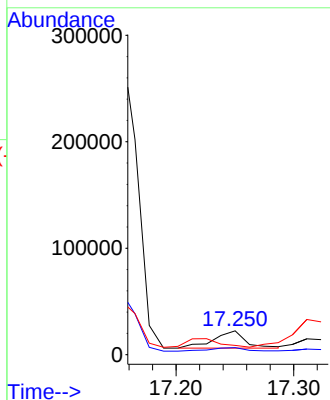
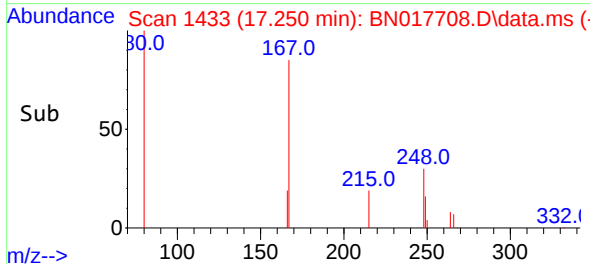
Instrument :
 BNA_N
 ClientSampleId :
 MW-23



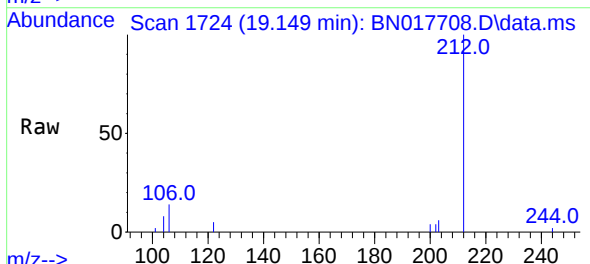
Tgt Ion:178 Resp: 30980
 Ion Ratio Lower Upper
 178 100
 176 20.2 14.6 22.0
 179 0.0 12.2 18.4

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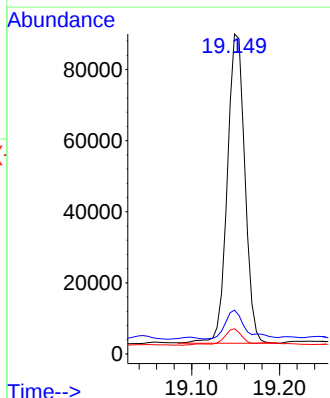
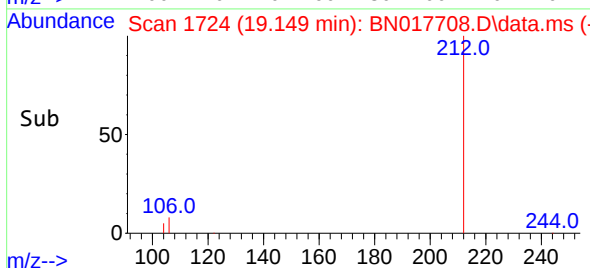
Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/10/2021

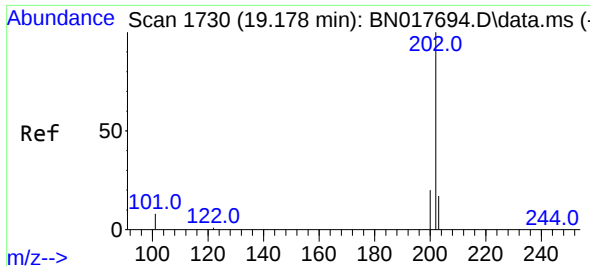


#27
 Fluoranthene-d10
 Concen: 0.30 ng
 RT: 19.149 min Scan# 1724
 Delta R.T. 0.000 min
 Lab File: BN017708.D
 Acq: 04 Dec 2021 01:44



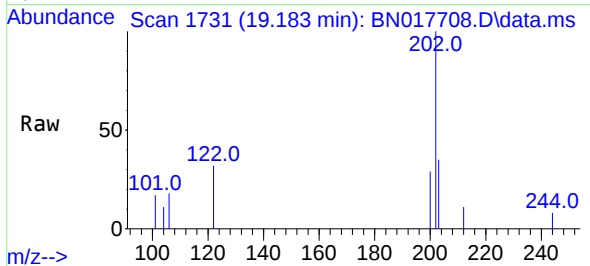
Tgt Ion:212 Resp: 120864
 Ion Ratio Lower Upper
 212 100
 106 10.5 10.5 15.7
 104 5.1 5.8 8.6





#28
Fluoranthene
Concen: 0.09 ng
RT: 19.183 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

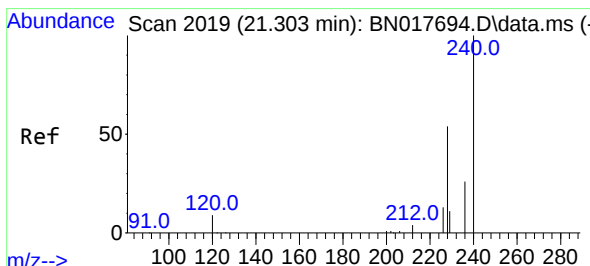
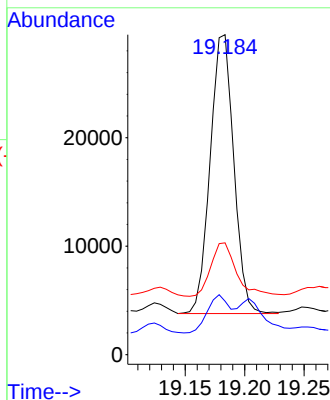
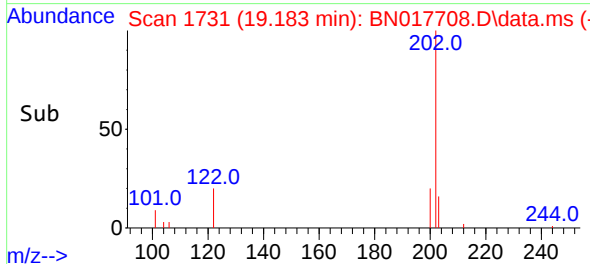
Instrument :
BNA_N
ClientSampleId :
MW-23



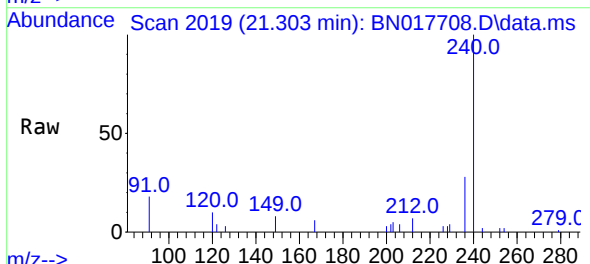
Tgt Ion:202 Resp: 3556
Ion Ratio Lower Upper
202 100
101 12.5 8.9 13.3
203 20.8 13.8 20.6

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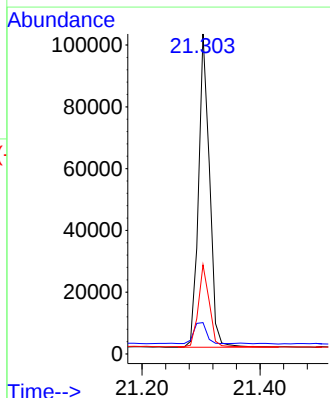
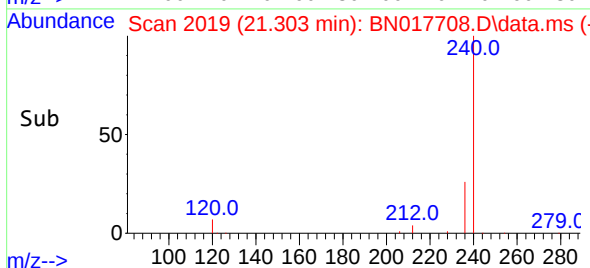
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

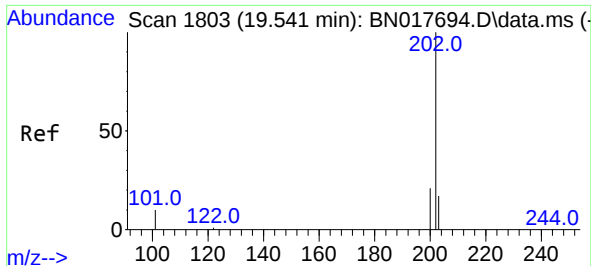


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44



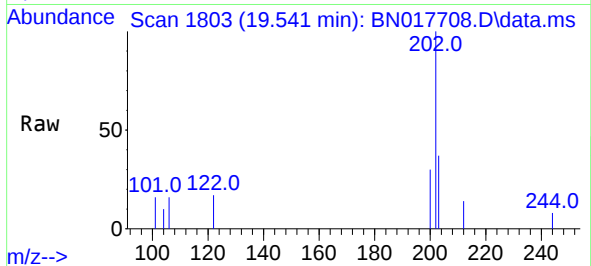
Tgt Ion:240 Resp: 131635
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 27.9 20.0 30.0





#30
Pyrene
Concen: 0.08 ng
RT: 19.541 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

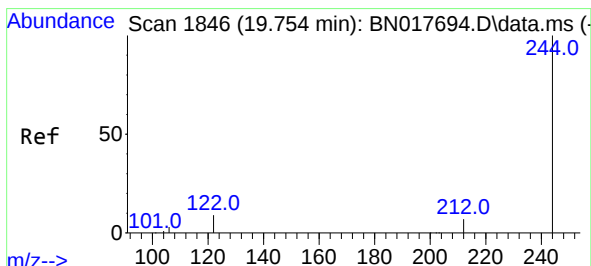
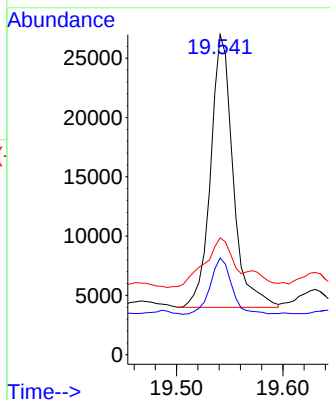
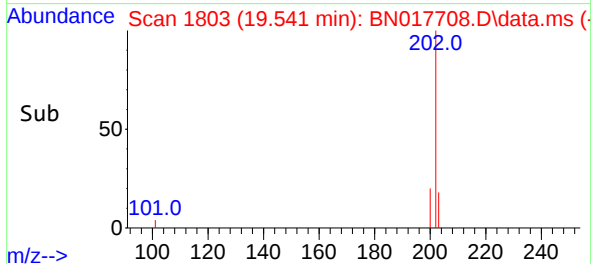
Instrument :
BNA_N
ClientSampleId :
MW-23



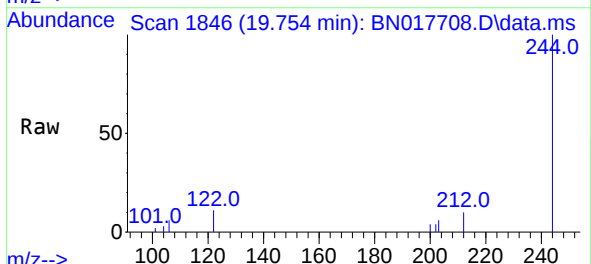
Tgt Ion:202 Resp: 33734
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 23.7 14.0 21.0

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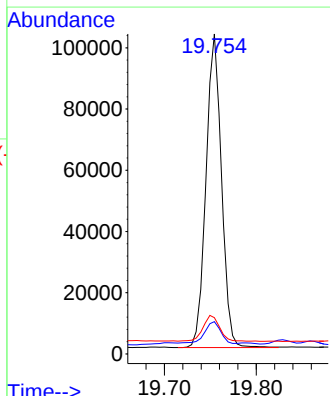
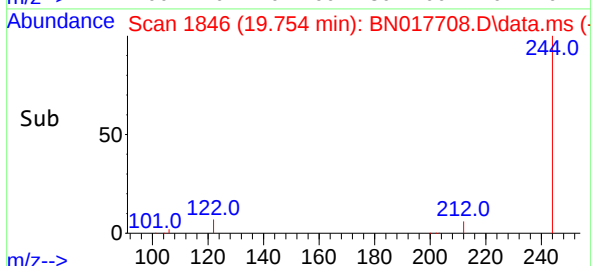
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

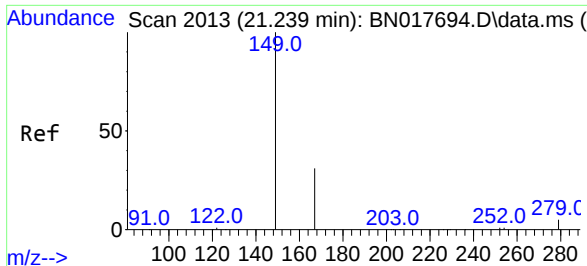


#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.754 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44



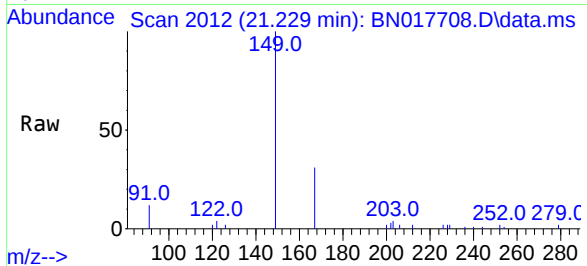
Tgt Ion:244 Resp: 119954
Ion Ratio Lower Upper
244 100
212 10.1 5.7 8.5#
122 11.4 8.6 13.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 1.79 ng
RT: 21.229 min Scan# 2013
Delta R.T. -0.010 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

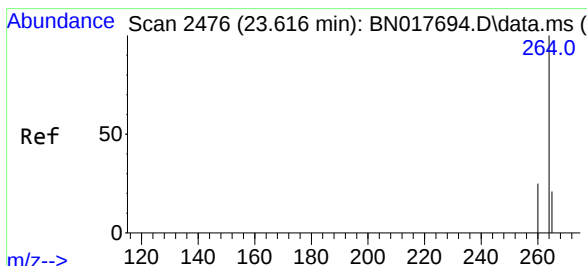
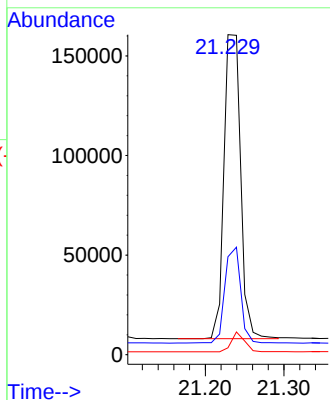
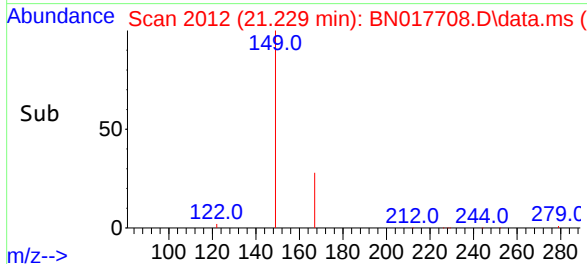
Instrument :
BNA_N
ClientSampleId :
MW-23



Tgt Ion:149 Resp: 22383
Ion Ratio Lower Upper
149 100
167 29.9 21.8 32.6
279 5.2 3.4 5.0

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



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.613 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Tgt Ion:264 Resp: 134566
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 25.0 18.6 28.0

