

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019187.D
 Acq On : 26 Mar 2022 11:32
 Operator : CG/JU
 Sample : N2090-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-48

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2022
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 28 09:11:43 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4341	0.40	ng	0.00
7) Naphthalene-d8	10.648	136	12929	0.40	ng	# 0.00
13) Acenaphthene-d10	14.474	164	13053	0.40	ng	#-0.01
19) Phenanthrene-d10	17.225	188	15842	0.40	ng	# 0.00
29) Chrysene-d12	21.413	240	12233	0.40	ng	# 0.00
35) Perylene-d12	23.779	264	10898	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1797	0.18	ng	0.00
5) Phenol-d6	7.009	99	975	0.08	ng	0.00
8) Nitrobenzene-d5	8.993	82	2656	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.234	152	7940	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1906	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	14644	0.27	ng	0.00
27) Fluoranthene-d10	19.257	212	19255	0.42	ng	0.00
31) Terphenyl-d14	19.851	244	11940	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	522	0.09	ng	# 63
9) Naphthalene	10.701	128	4637	0.13	ng	# 6
12) 2-Methylnaphthalene	12.310	142	6182	0.26	ng	# 87
16) Acenaphthylene	14.206	152	6191	0.10	ng	# 1
17) Acenaphthene	14.538	154	26723	0.63	ng	99
18) Fluorene	15.532	166	13683m	0.25	ng	
34) Bis(2-ethylhexyl)phtha...	21.324	149	4009	0.17	ng	# 88

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

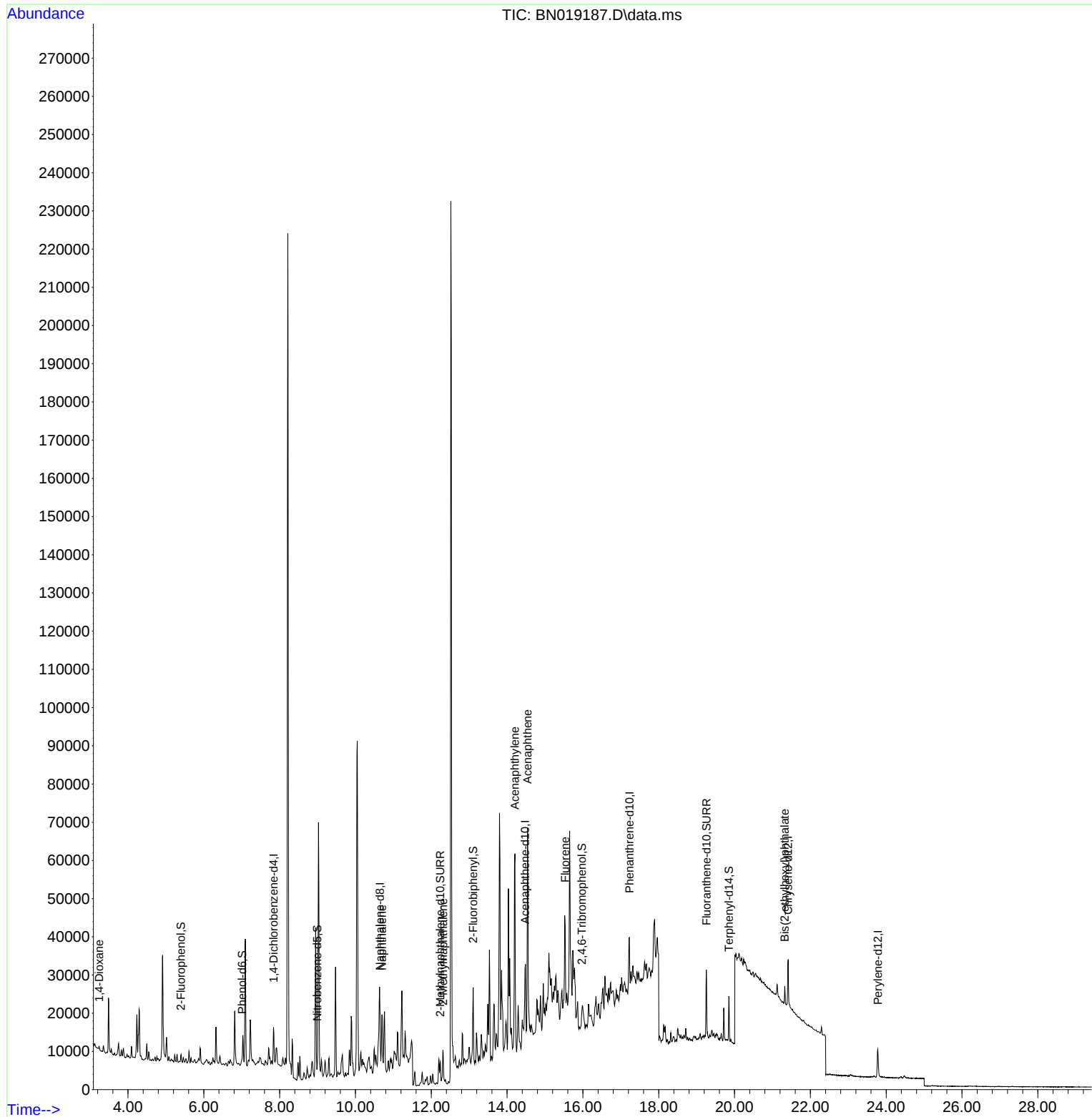
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019187.D
Acq On : 26 Mar 2022 11:32
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Misc :
ALS Vial : 33 Sample Multiplier: 1

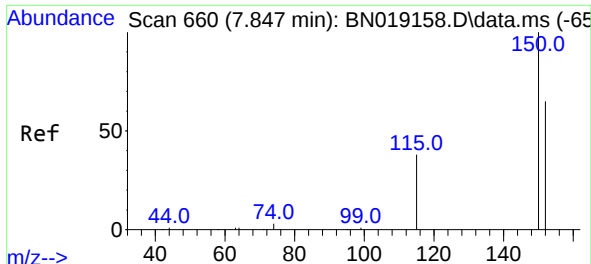
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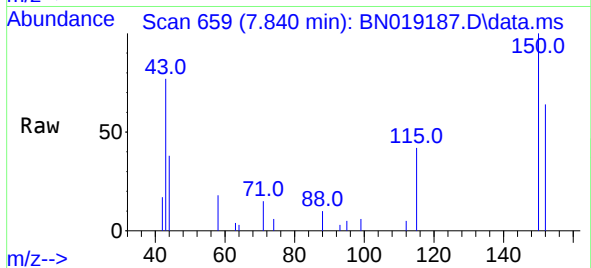
Quant Time: Mar 28 09:11:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.840 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

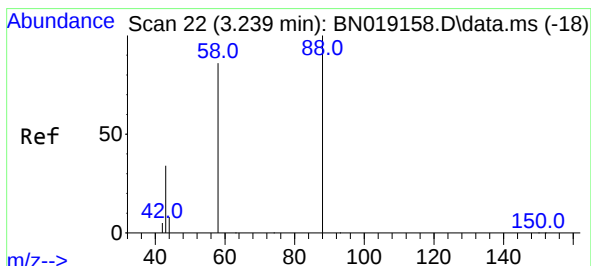
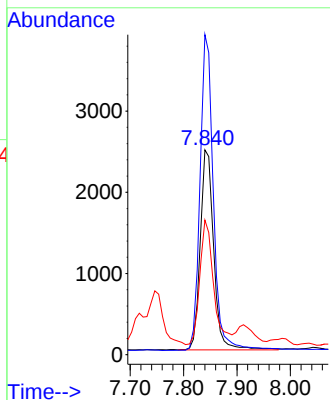
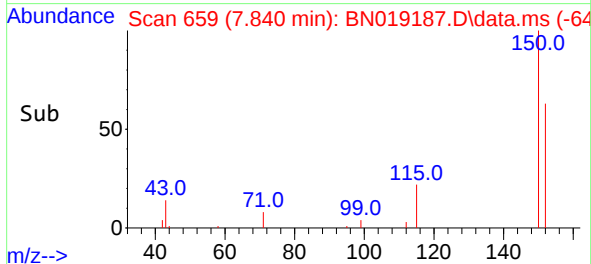
Instrument :
BNA_N
ClientSampleId :
MW-48



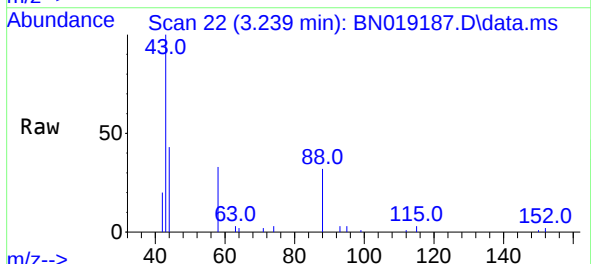
Tgt Ion:152 Resp: 434
Ion Ratio Lower Upper
152 100
150 156.2 123.9 185.9
115 65.7 48.2 72.4

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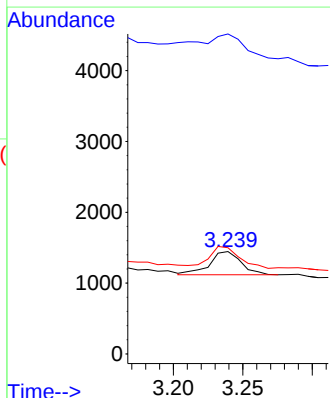
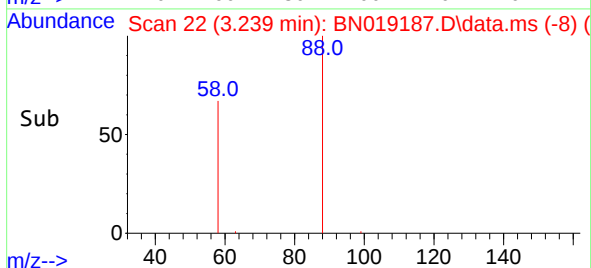
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

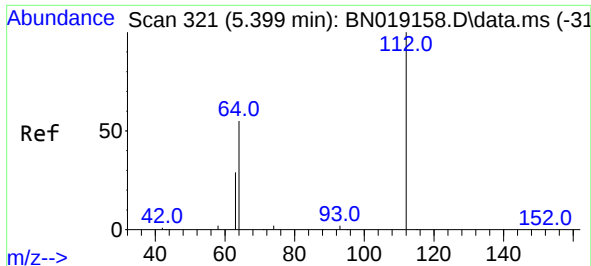


#2
1,4-Dioxane
Concen: 0.09 ng
RT: 3.239 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32



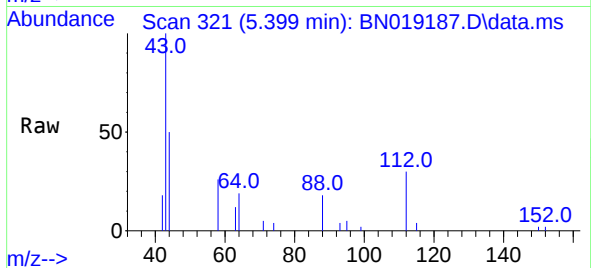
Tgt Ion: 88 Resp: 522
Ion Ratio Lower Upper
88 100
43 94.3 24.6 37.0#
58 88.7 65.4 98.2





#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

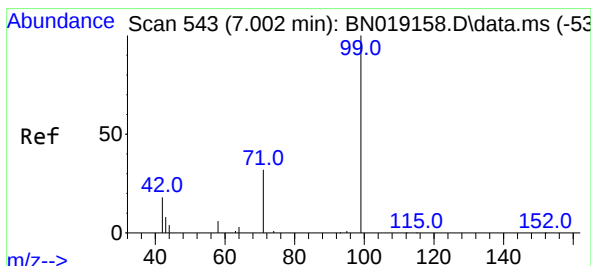
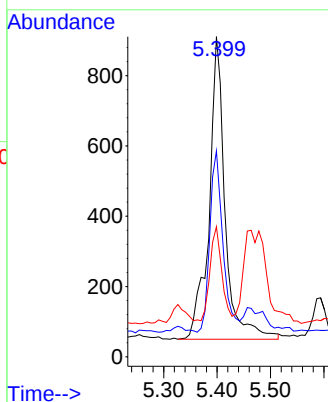
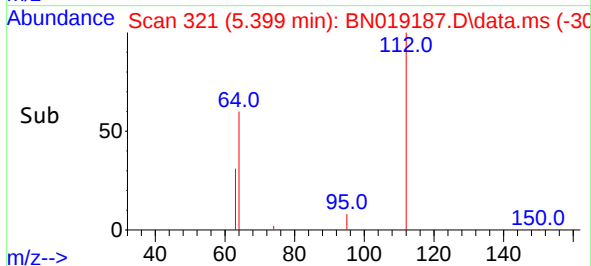
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BNA_N
ClientSampleId :
MW-48



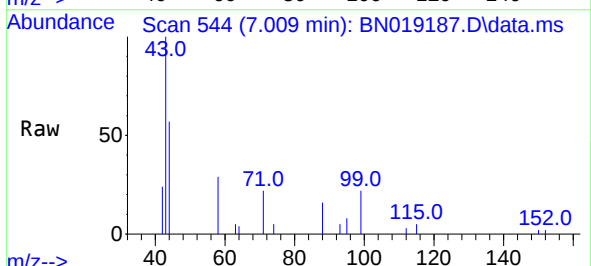
Tgt Ion: 112 Resp: 179
Ion Ratio Lower Upper
112 100
64 49.2 47.8 71.8
63 22.6 25.7 38.5

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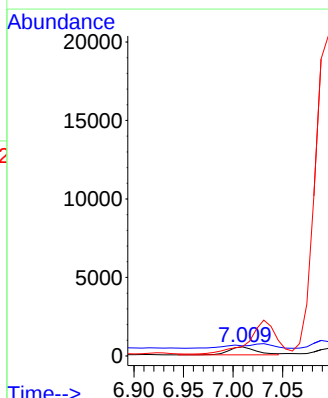
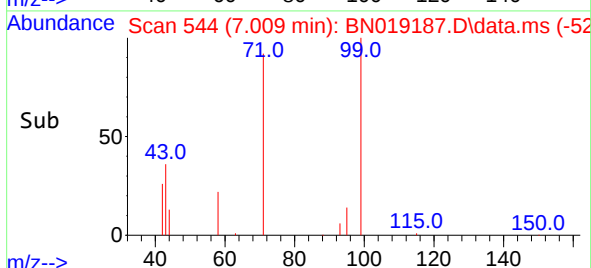
Reviewed By : Christian Giraldo 03/28/2022
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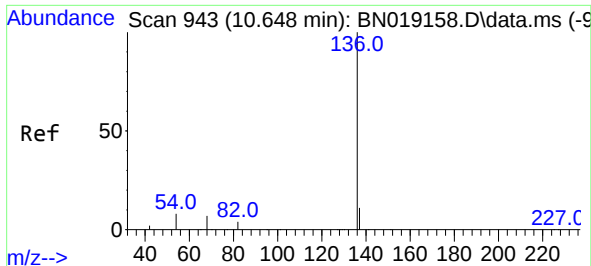


#5
Phenol-d6
Concen: 0.08 ng
RT: 7.009 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32



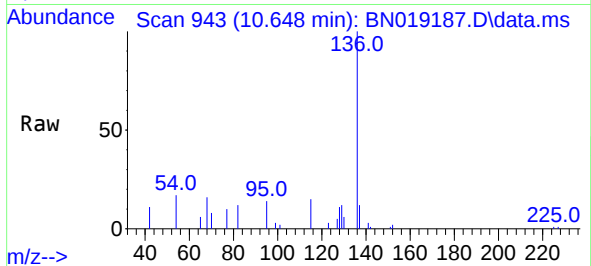
Tgt Ion: 99 Resp: 975
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 0.0 27.7 41.5#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

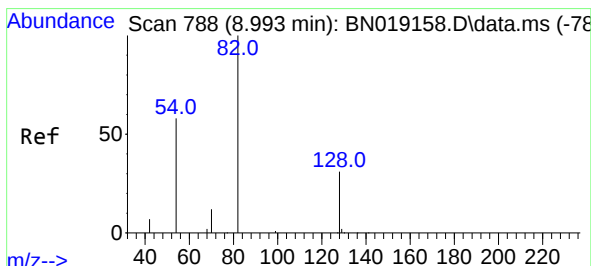
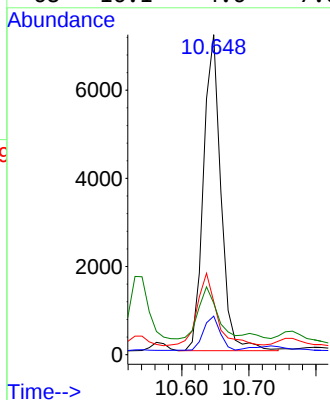
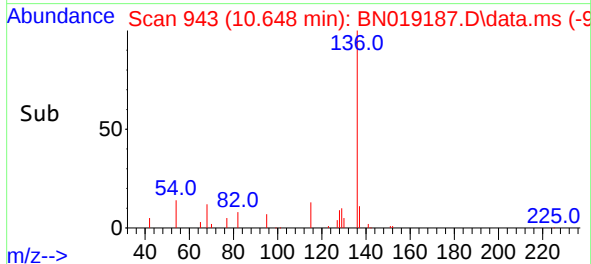
Instrument :
BNA_N
ClientSampleId :
MW-48



Tgt Ion:	136	Resp:	12929
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.4
54	16.6	5.8	8.6
68	16.1	4.6	7.0

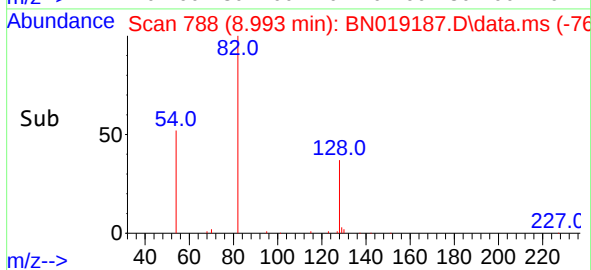
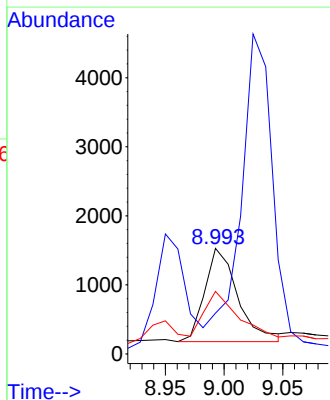
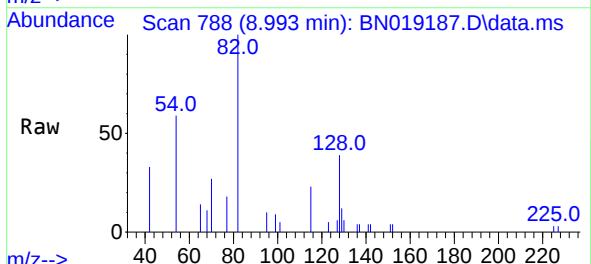
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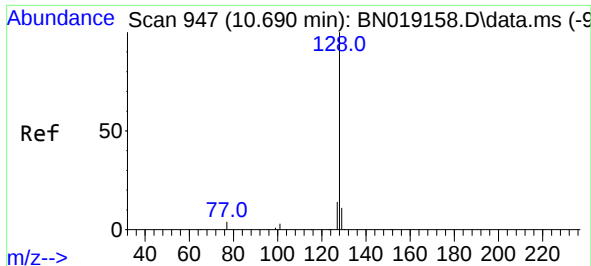
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Supervised By :Jagrut Upadhyay 03/29/2022



#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

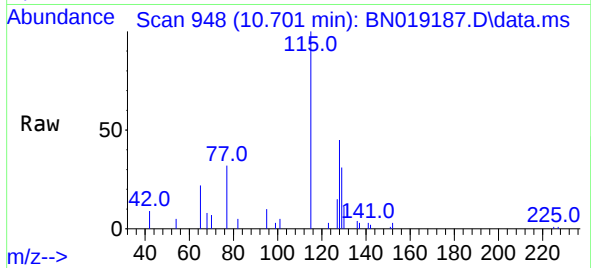
Tgt Ion:	82	Resp:	2656
Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.0	49.6
54	59.3	42.5	63.7





#9
Naphthalene
Concen: 0.13 ng
RT: 10.701 min Scan# 947
Delta R.T. 0.011 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

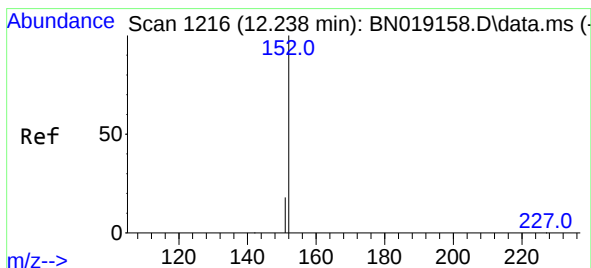
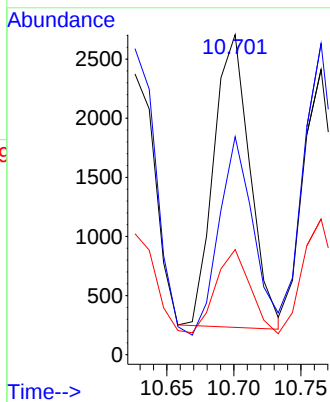
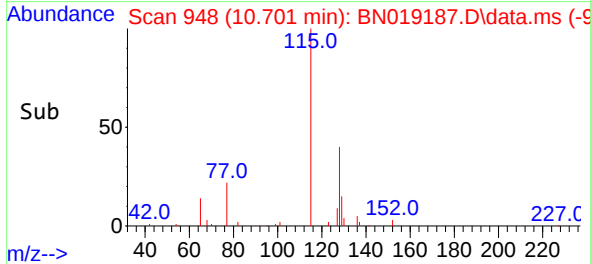
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BNA_N
ClientSampleId :
MW-48



Tgt Ion:128 Resp: 463
Ion Ratio Lower Upper
128 100
129 68.1 9.0 13.4
127 32.8 10.7 16.1

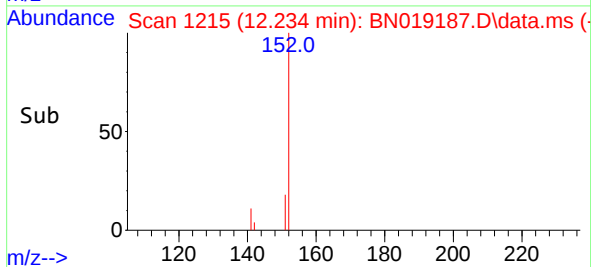
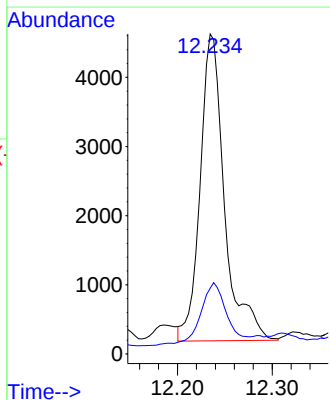
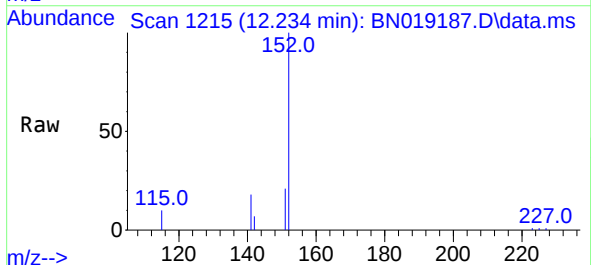
Manual Integrations
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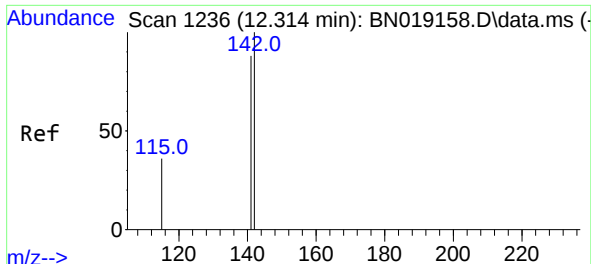
Reviewed By :Christian Giraldo 03/28/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.234 min Scan# 1215
Delta R.T. -0.004 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

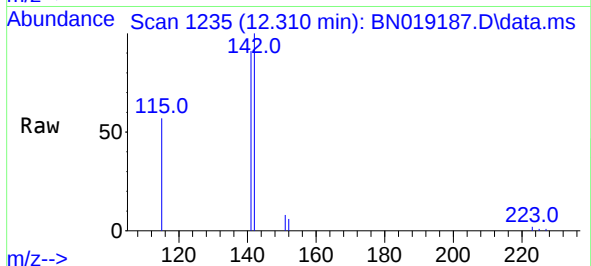
Tgt Ion:152 Resp: 7940
Ion Ratio Lower Upper
152 100
151 22.8 16.5 24.7





#12
2-Methylnaphthalene
Concen: 0.26 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

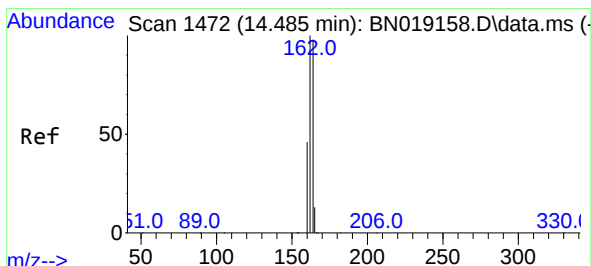
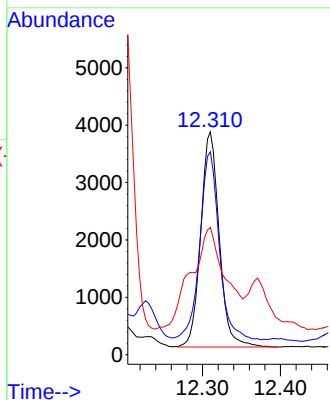
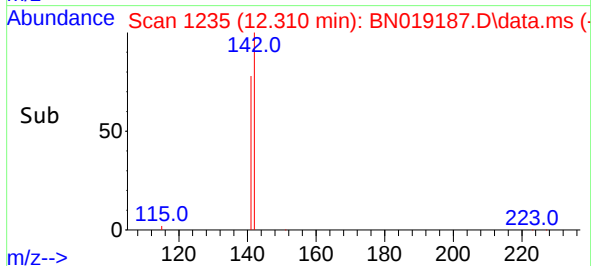
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ClientSampleId :
MW-48



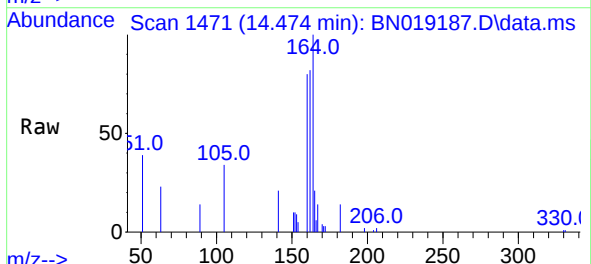
Tgt Ion:142 Resp: 6182
Ion Ratio Lower Upper
142 100
141 91.1 70.0 105.0
115 57.1 29.8 44.8

Manual Integrations
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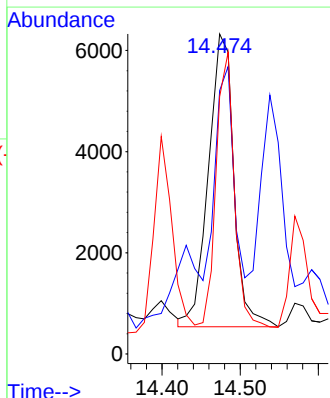
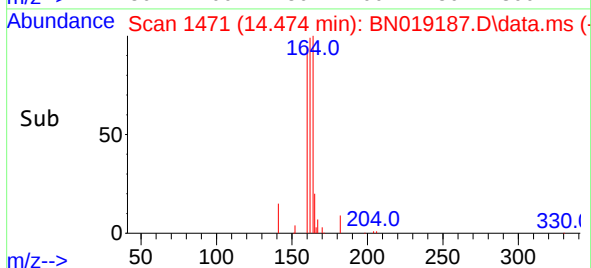
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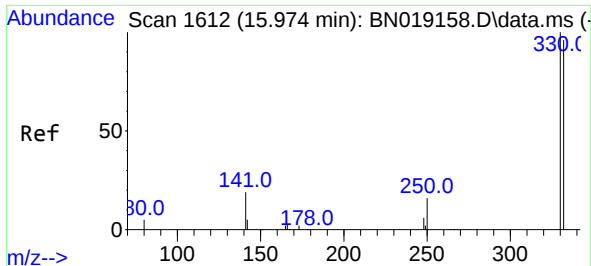


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.011 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32



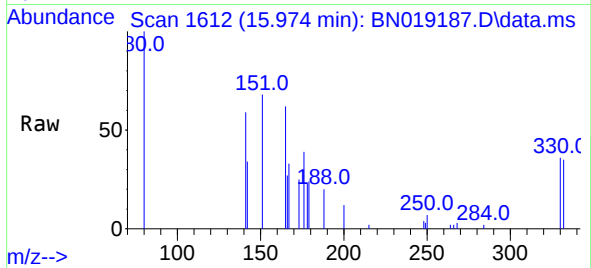
Tgt Ion:164 Resp: 13053
Ion Ratio Lower Upper
164 100
162 82.3 85.2 127.8#
160 80.4 41.5 62.3#





#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

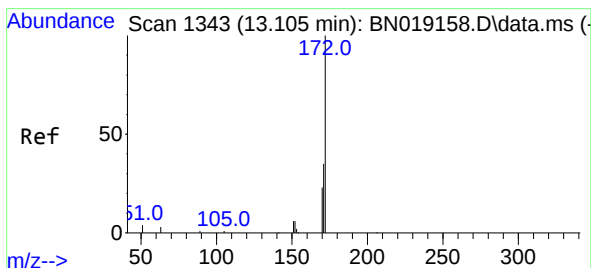
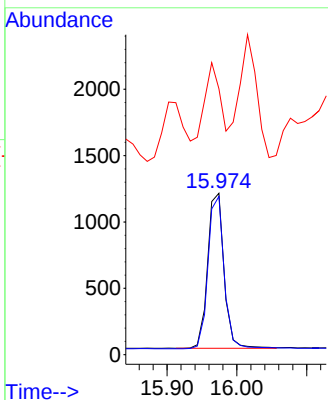
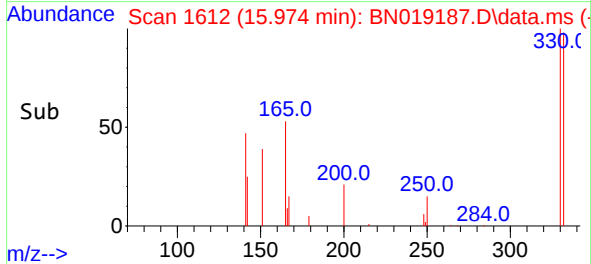
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BNA_N
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MW-48



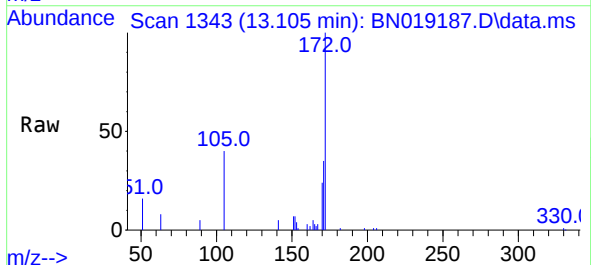
Tgt Ion:330 Resp: 1900
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 64.7 32.2 48.2

Manual Integrations
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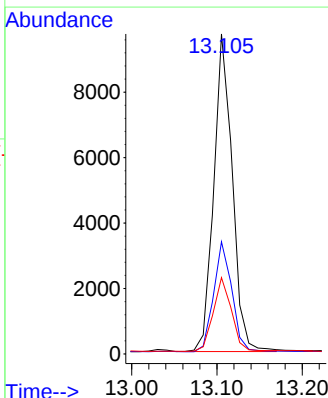
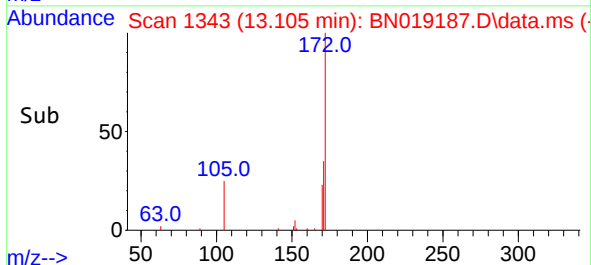
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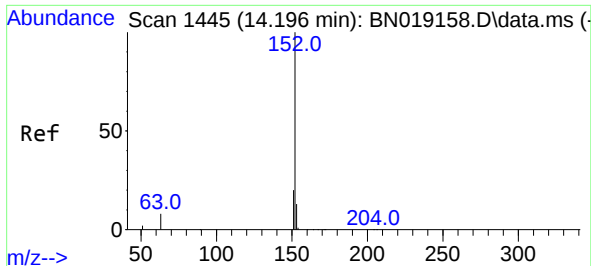


#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32



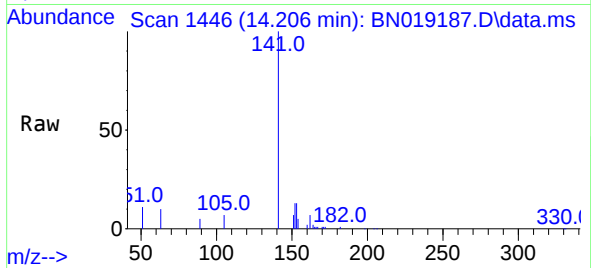
Tgt Ion:172 Resp: 14644
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.9 18.7 28.1





#16
Acenaphthylene
Concen: 0.10 ng
RT: 14.206 min Scan# 1445
Delta R.T. 0.011 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

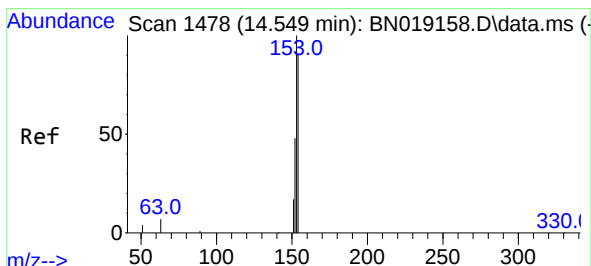
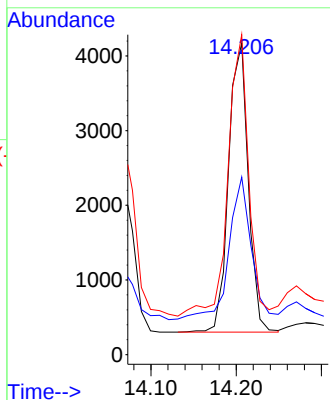
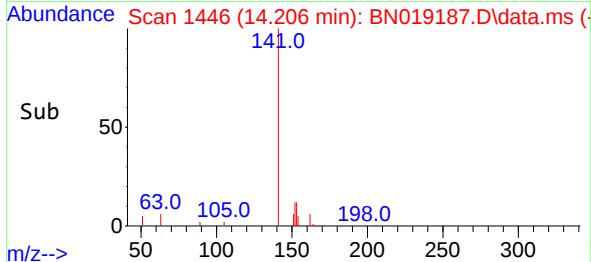
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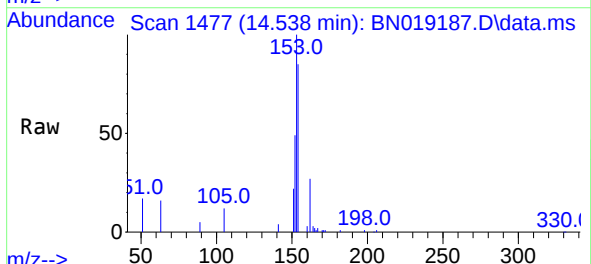
Tgt Ion:152 Resp: 619
Ion Ratio Lower Upper
152 100
151 56.4 15.9 23.9
153 101.2 10.6 15.8

Manual Integrations
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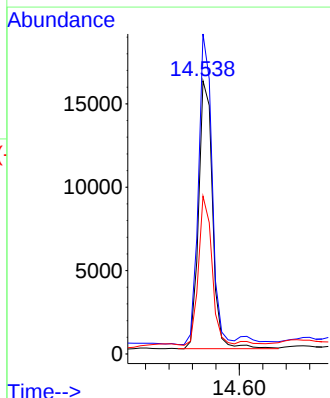
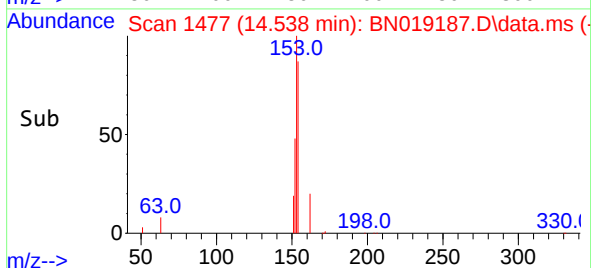
Reviewed By :Christian Giraldo 03/28/2022
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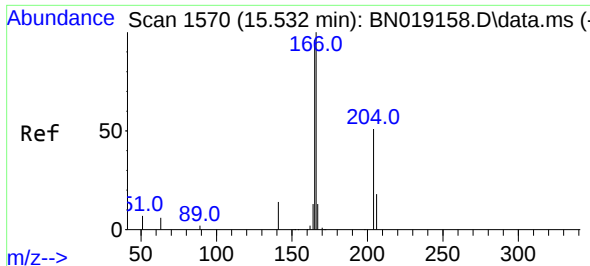


#17
Acenaphthene
Concen: 0.63 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32



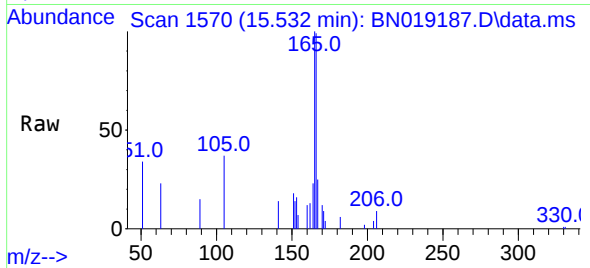
Tgt Ion:154 Resp: 26723
Ion Ratio Lower Upper
154 100
153 111.8 89.7 134.5
152 53.4 44.7 67.1





#18
Fluorene
Concen: 0.25 ng m
RT: 15.532 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

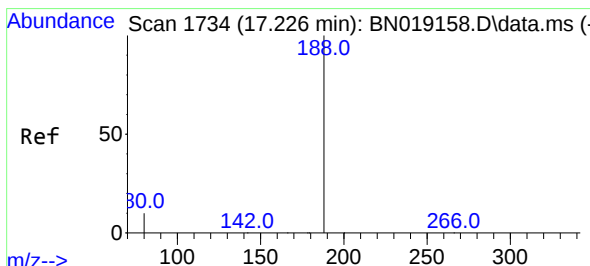
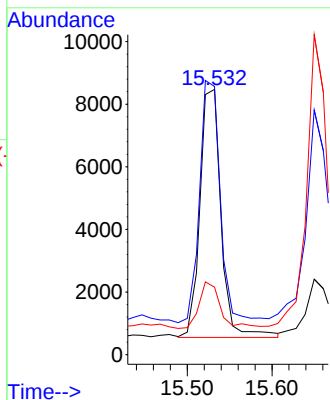
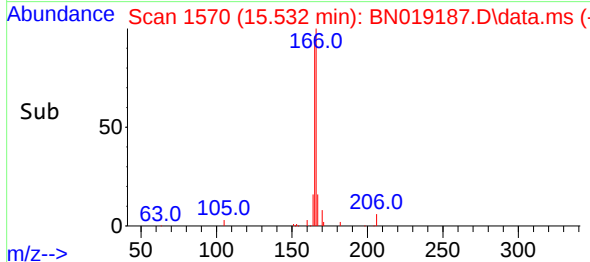
Instrument :
BNA_N
ClientSampleId :
MW-48



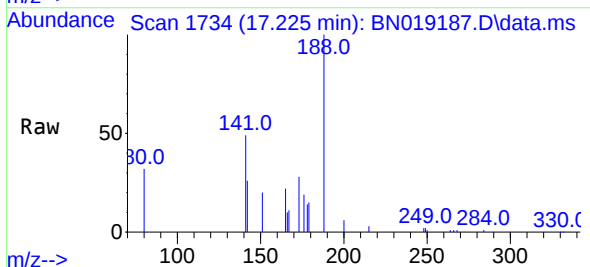
Tgt Ion:166 Resp: 1368
Ion Ratio Lower Upper
166 100
165 95.0 79.2 118.8
167 19.0 10.7 16.1

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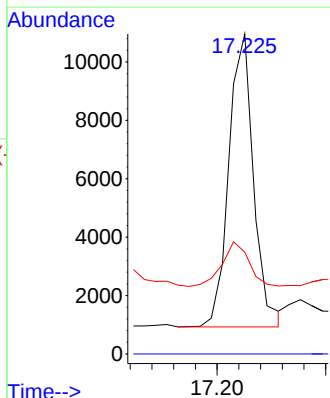
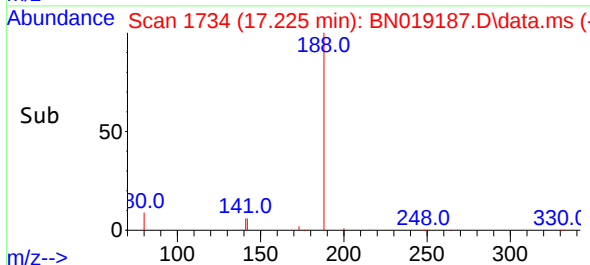
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

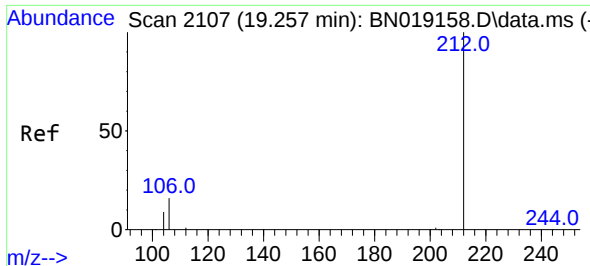


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32



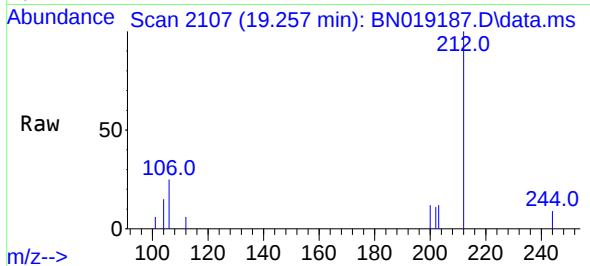
Tgt Ion:188 Resp: 15842
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 31.8 11.8 17.8





#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.257 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

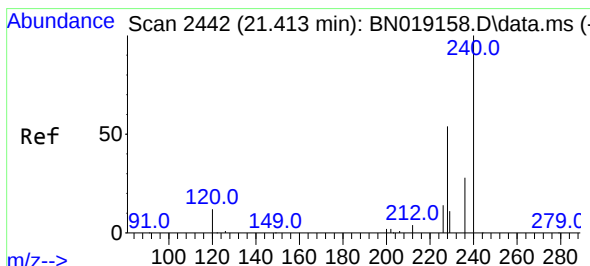
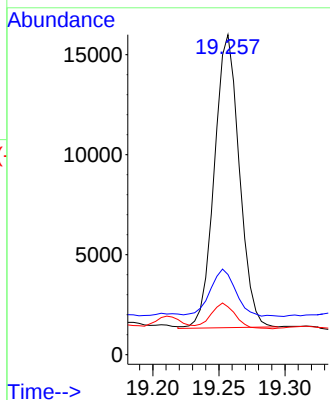
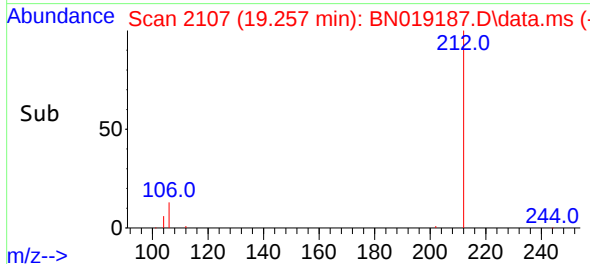
Instrument :
BNA_N
ClientSampleId :
MW-48



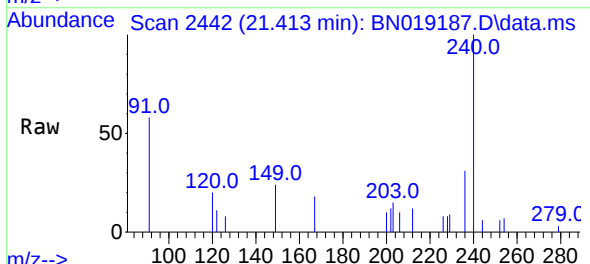
Tgt Ion:212 Resp: 19258
Ion Ratio Lower Upper
212 100
106 16.7 12.7 19.1
104 8.6 7.1 10.7

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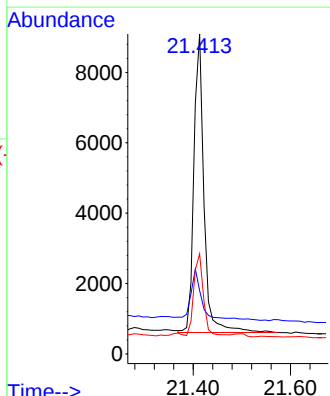
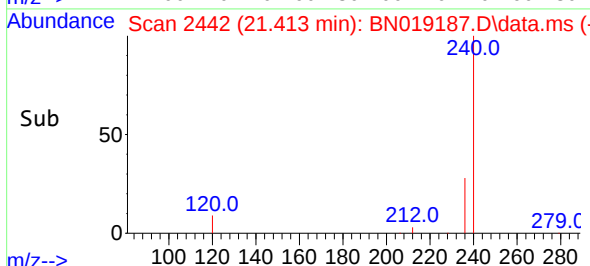
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

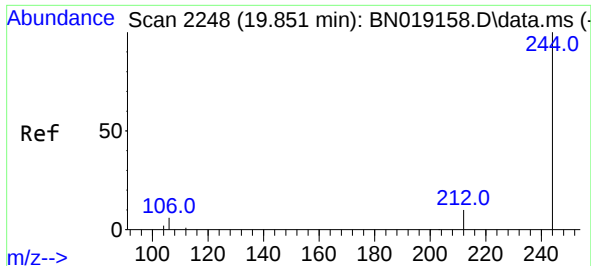


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32



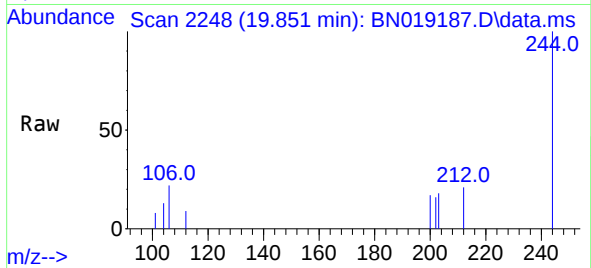
Tgt Ion:240 Resp: 12233
Ion Ratio Lower Upper
240 100
120 19.8 8.5 12.7#
236 31.3 22.4 33.6





#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.851 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

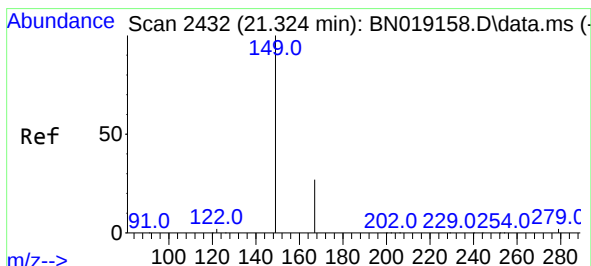
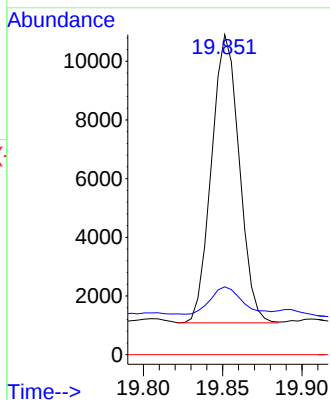
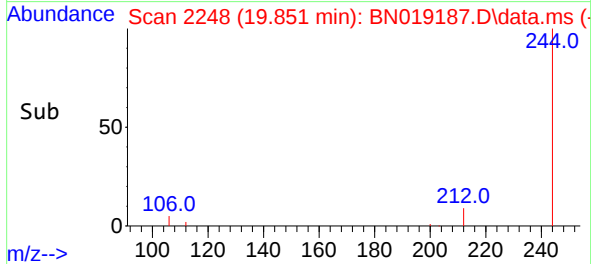
Instrument :
BNA_N
ClientSampleId :
MW-48



Tgt Ion:244 Resp: 11940
Ion Ratio Lower Upper
244 100
212 21.2 8.2 12.4#
122 0.0 0.0 0.0

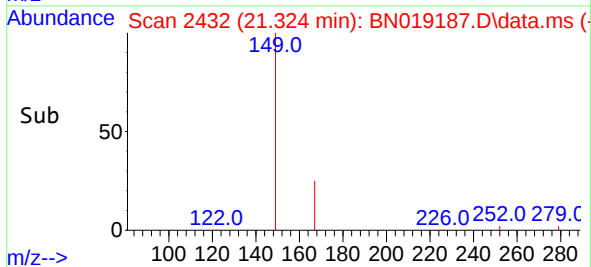
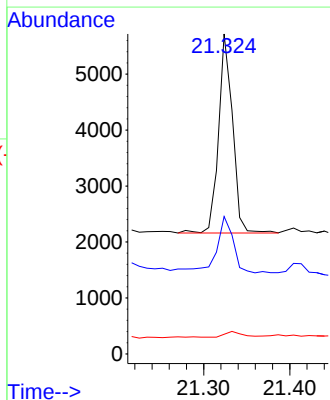
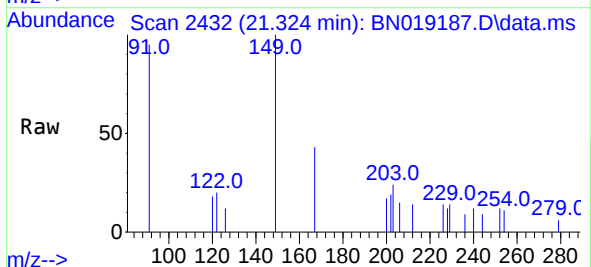
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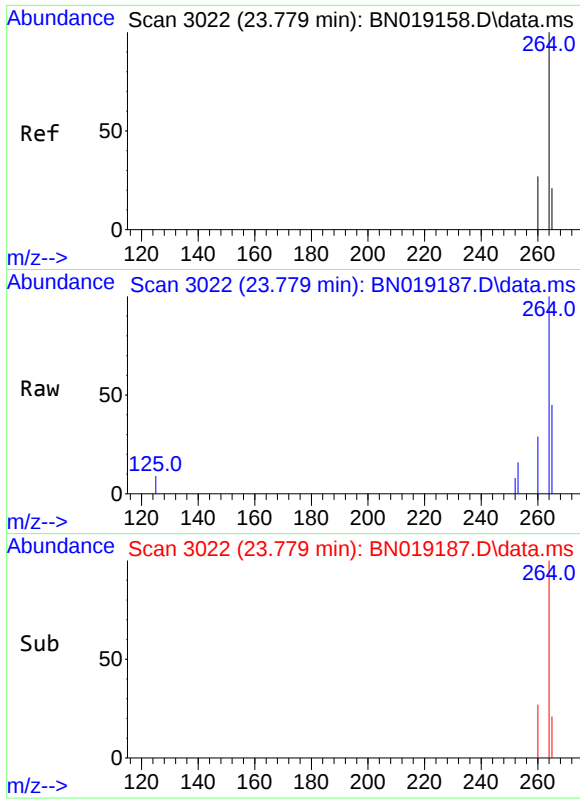
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Tgt Ion:149 Resp: 4009
Ion Ratio Lower Upper
149 100
167 33.8 21.8 32.8#
279 3.5 2.0 3.0#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.779 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN019187.D
Acq: 26 Mar 2022 11:32

Instrument :
BNA_N
ClientSampleId :
MW-48

Tgt Ion:264 Resp: 10898
Ion Ratio Lower Upper
264 100
260 29.1 22.4 33.6
265 45.1 25.3 37.9

Manual Integrations
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Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

