

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017942.D
 Acq On : 12 Dec 2021 16:05
 Operator : CG/JU
 Sample : M4988-03
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20211207

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/13/2021
 Supervised By : Jagrut Upadhyay 12/13/2021

Quant Time: Dec 13 00:40:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	29716	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	129089	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	83160	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	158677	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	116362	0.400	ng	# 0.00
35) Perylene-d12	23.585	264	87349	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5673	0.093	ng	0.00
5) Phenol-d6	6.903	99	3958	0.065	ng	0.00
8) Nitrobenzene-d5	8.846	82	22647	0.269	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	51564	0.227	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	252	0.338	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	81235	0.278	ng	0.00
27) Fluoranthene-d10	19.124	212	169908	0.330	ng	0.00
31) Terphenyl-d14	19.730	244	139449	0.486	ng	-0.01
Target Compounds						
9) Naphthalene	10.532	128	14365	0.045	ng	97
32) Benzo(a)anthracene	21.272	228	21194	0.107	ng	# 88
33) Chrysene	21.325	228	24075	0.063	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.218	149	1354636	10.844	ng	98
36) Indeno(1,2,3-cd)pyrene	25.968	276	7072	0.127	ng	# 81
37) Benzo(b)fluoranthene	22.894	252	18674	0.065	ng	# 1
38) Benzo(k)fluoranthene	22.938	252	15943m	0.057	ng	
39) Benzo(a)pyrene	23.486	252	16271	0.063	ng	# 1
40) Dibenzo(a,h)anthracene	25.992	278	5303m	0.143	ng	
41) Benzo(g,h,i)perylene	26.680	276	8316	0.060	ng	# 65

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

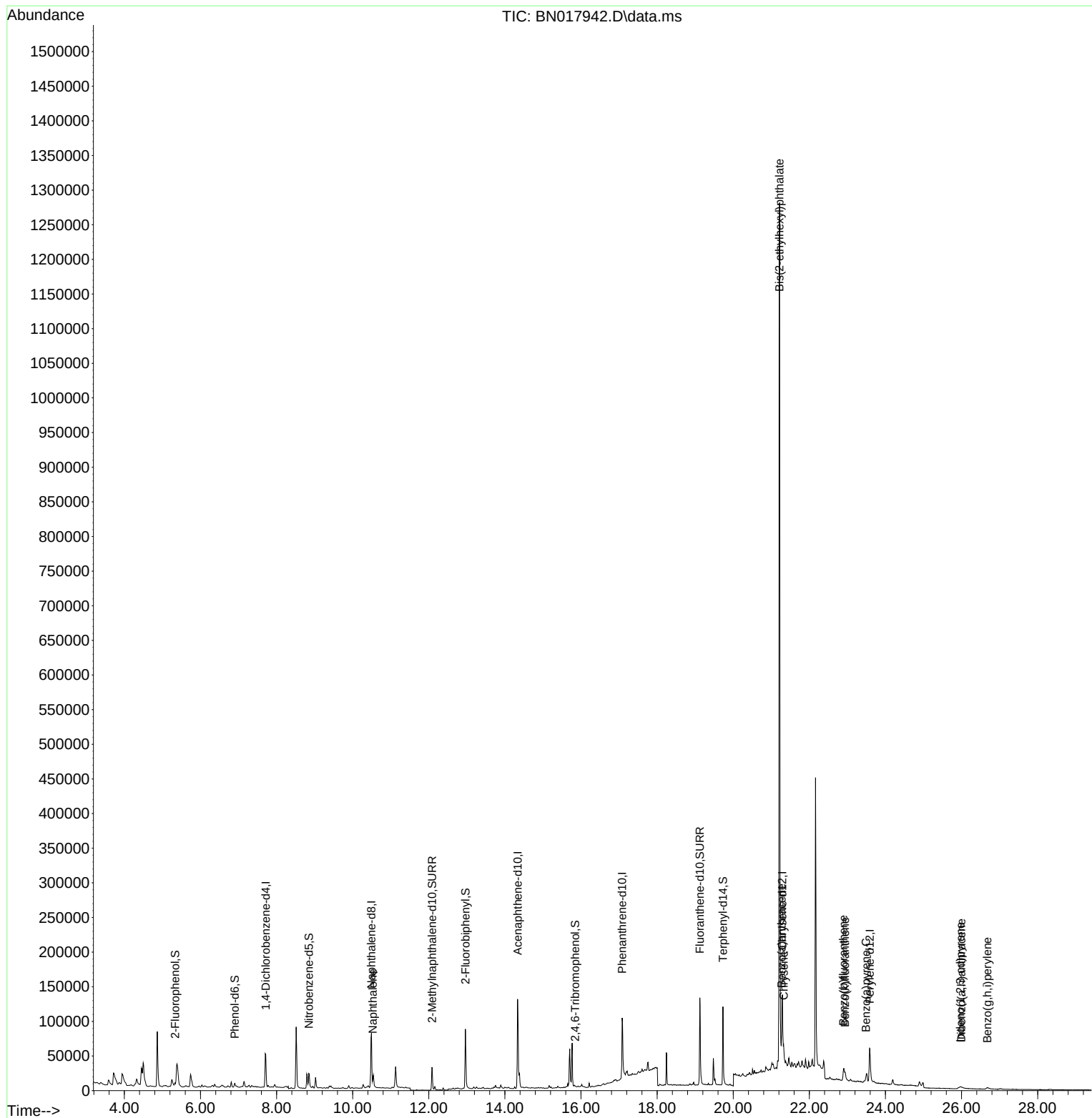
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017942.D
Acq On : 12 Dec 2021 16:05
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ALS Vial : 67 Sample Multiplier: 1

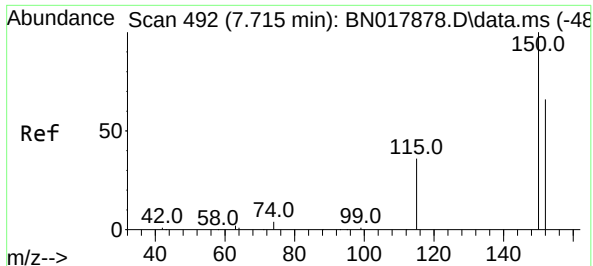
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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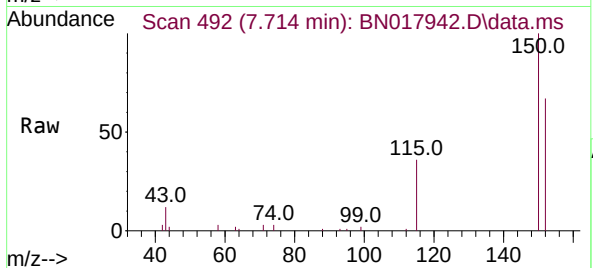
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

Instrument :

BNA_N

ClientSampleId :

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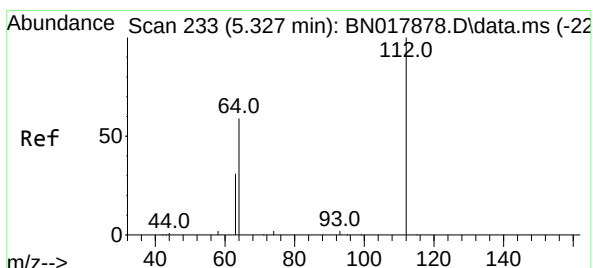
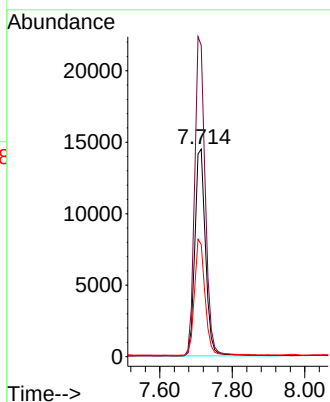
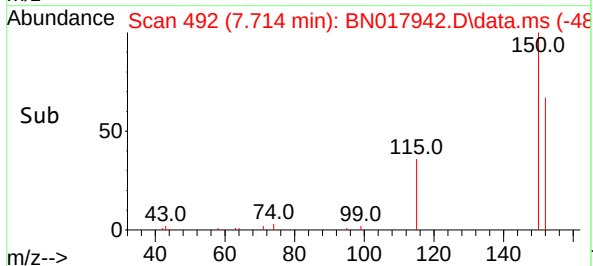


Tgt Ion:152 Resp: 29710
Ion Ratio Lower Upper
152 100
150 149.9 121.9 182.9
115 54.1 44.1 66.1

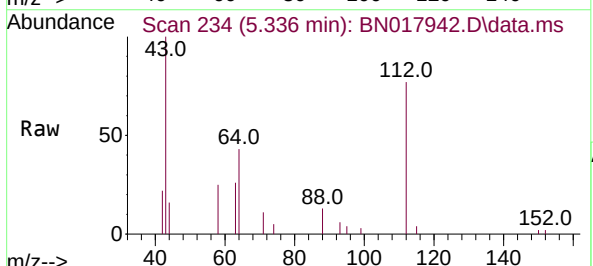
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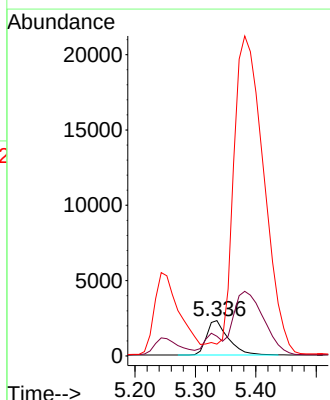
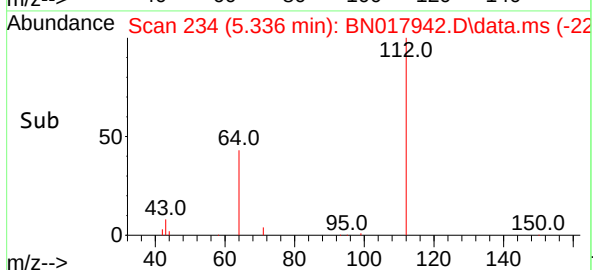
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

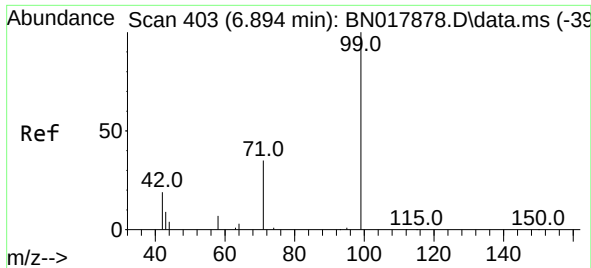


#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.336 min Scan# 234
Delta R.T. 0.009 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05



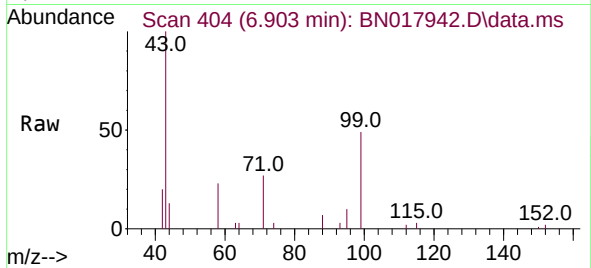
Tgt Ion:112 Resp: 5673
Ion Ratio Lower Upper
112 100
64 34.7 49.0 73.4#
63 0.0 26.2 39.2#





#5
Phenol-d6
Concen: 0.065 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

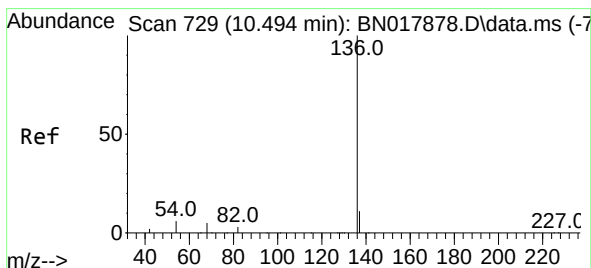
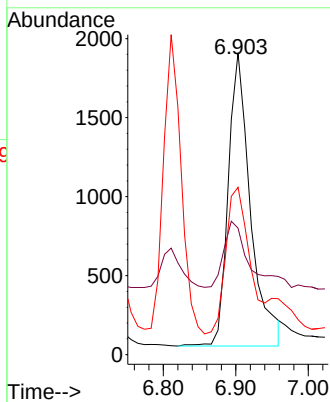
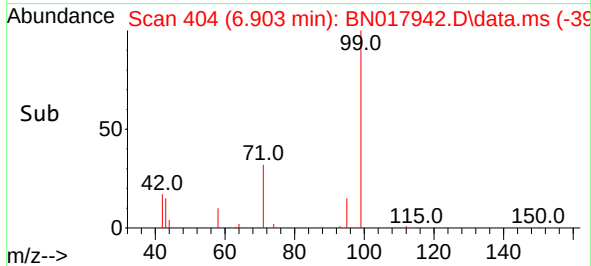
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 99 Resp: 3958
Ion Ratio Lower Upper
99 100
42 24.4 17.0 25.4
71 54.0 28.0 42.0

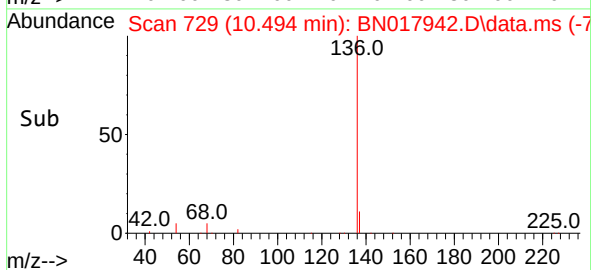
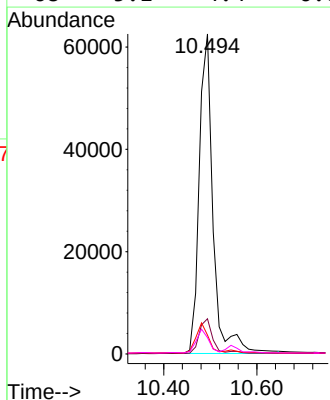
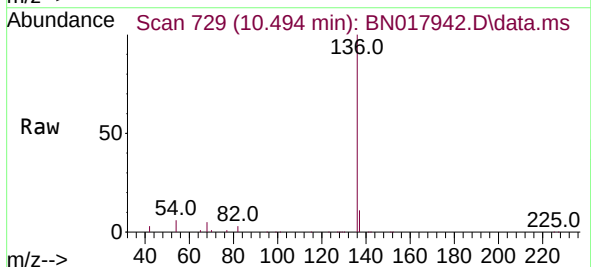
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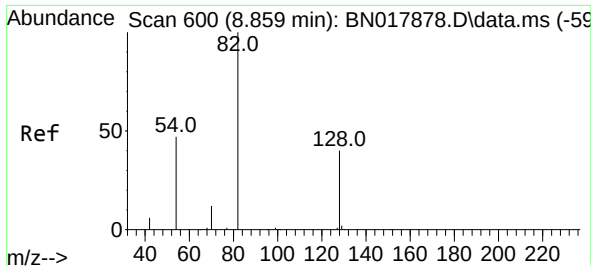
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

Tgt Ion:136 Resp: 129089
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.9 5.1 7.7
68 5.1 4.4 6.6





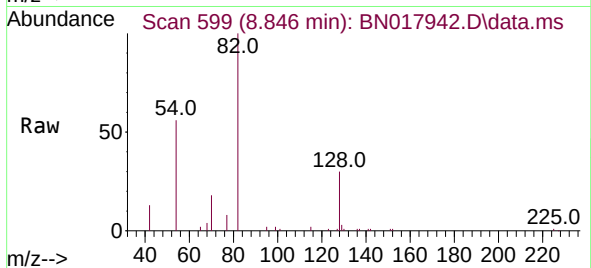
#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.846 min Scan# 599
Delta R.T. -0.013 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

Instrument :

BNA_N

ClientSampleId :

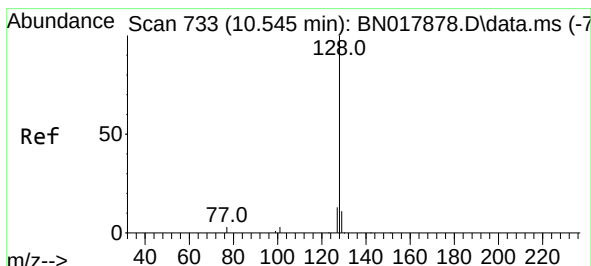
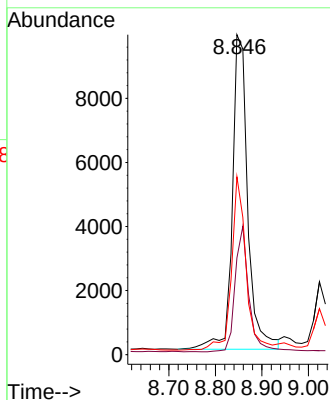
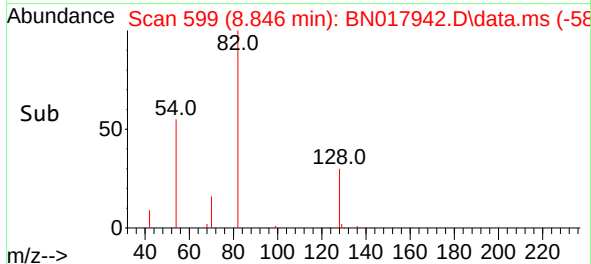
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Tgt Ion: 82 Resp: 2264
Ion Ratio Lower Upper
82 100
128 30.3 32.2 48.4
54 55.6 37.6 56.4

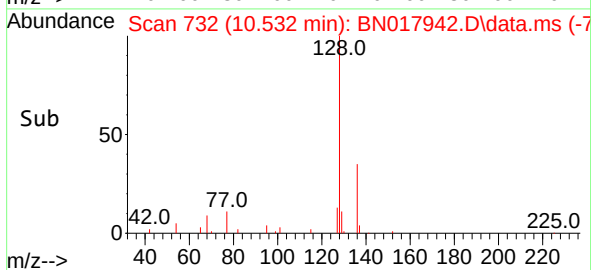
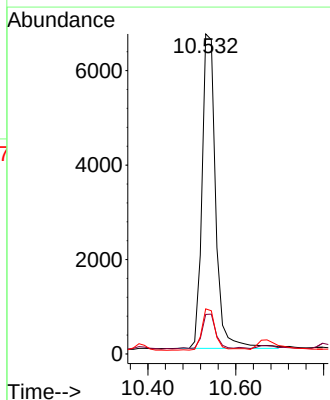
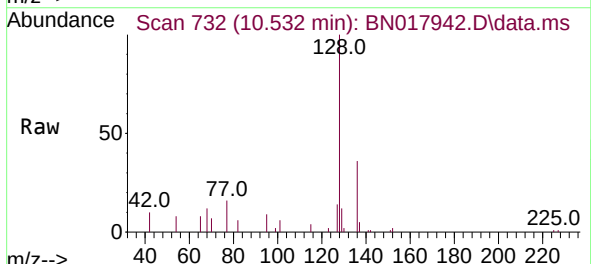
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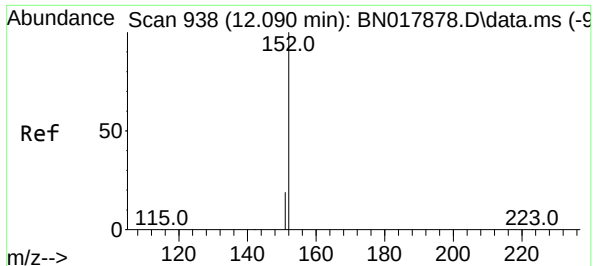
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#9
Naphthalene
Concen: 0.045 ng
RT: 10.532 min Scan# 732
Delta R.T. -0.013 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

Tgt Ion:128 Resp: 14365
Ion Ratio Lower Upper
128 100
129 12.4 8.8 13.2
127 14.1 10.5 15.7





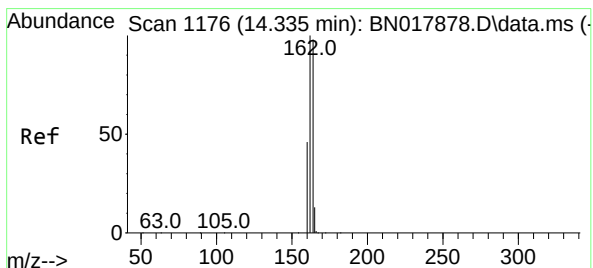
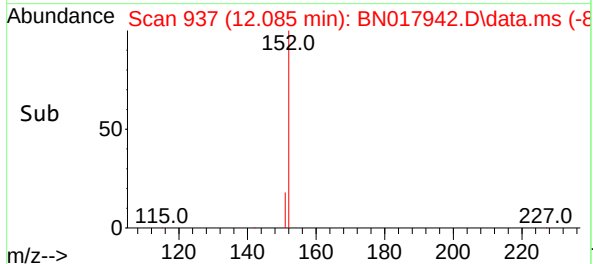
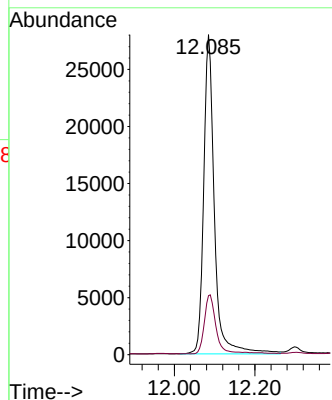
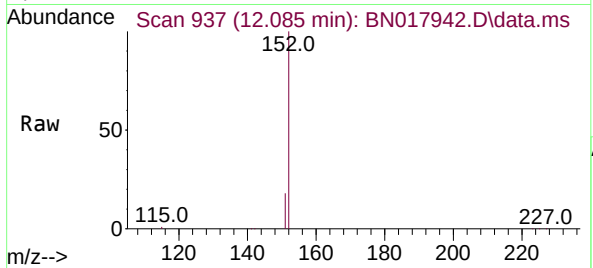
#11
2-Methylnaphthalene-d10
Concen: 0.227 ng
RT: 12.085 min Scan# 91
Delta R.T. -0.005 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

Instrument :
BNA_N
ClientSampleId :
FB01-20211207

Tgt Ion:152 Resp: 51564
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6

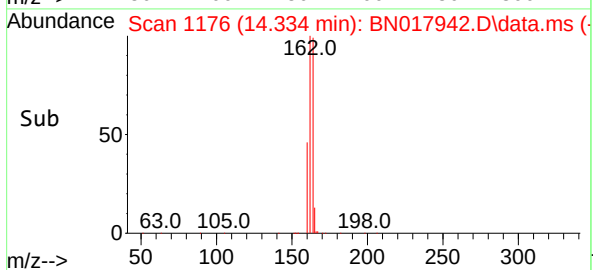
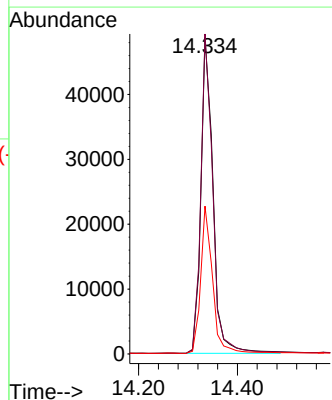
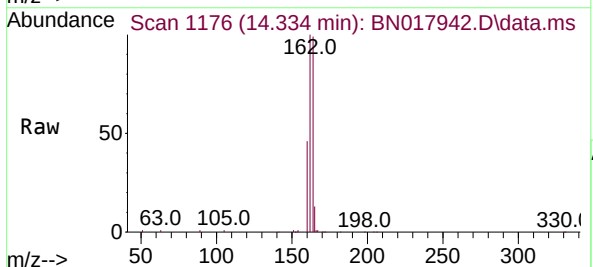
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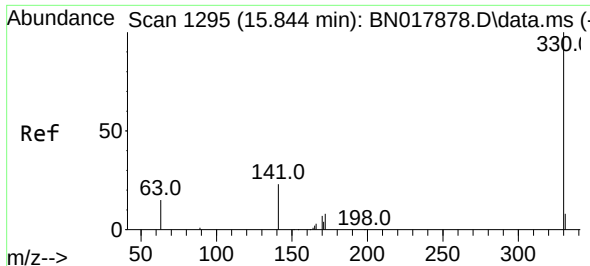
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

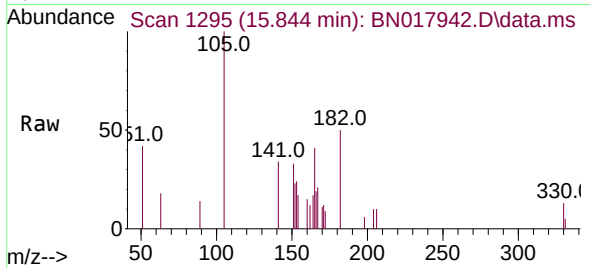
Tgt Ion:164 Resp: 83160
Ion Ratio Lower Upper
164 100
162 101.1 82.1 123.1
160 46.7 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

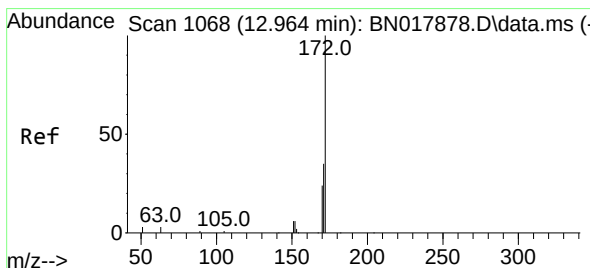
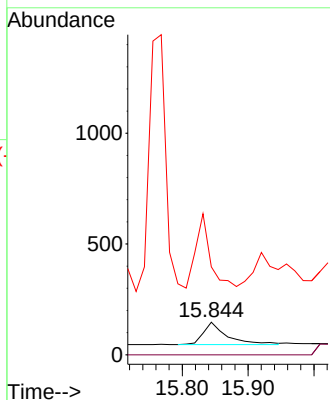
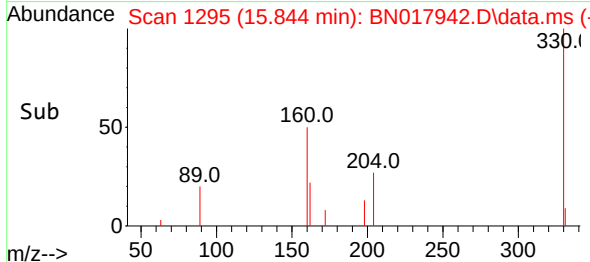
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FB01-20211207



Tgt Ion:330 Resp: 252
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 201.6 19.7 29.5

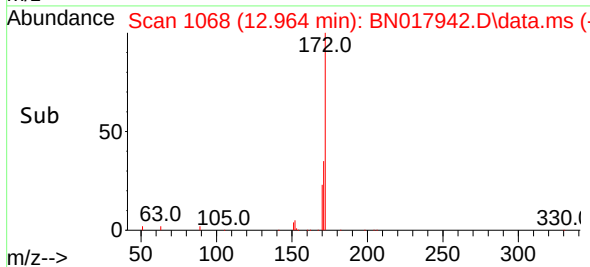
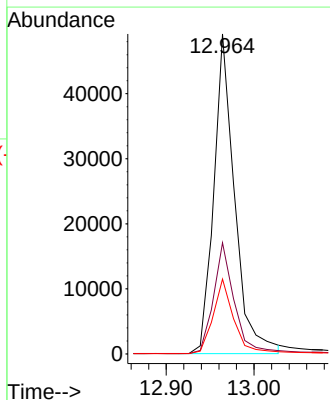
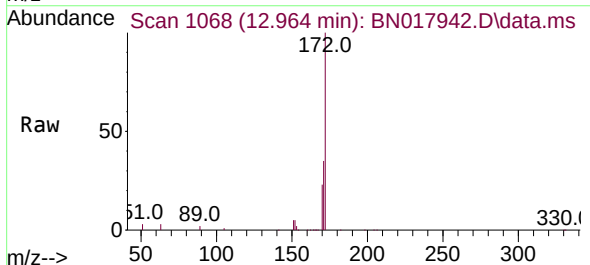
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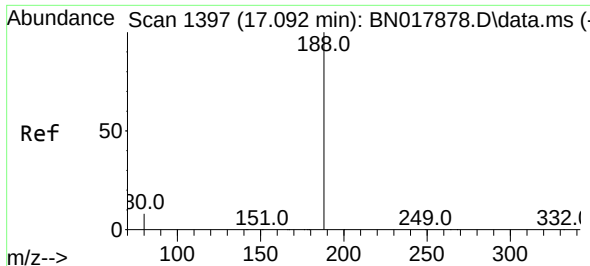
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Supervised By :Jagrut Upadhyay 12/13/2021



#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

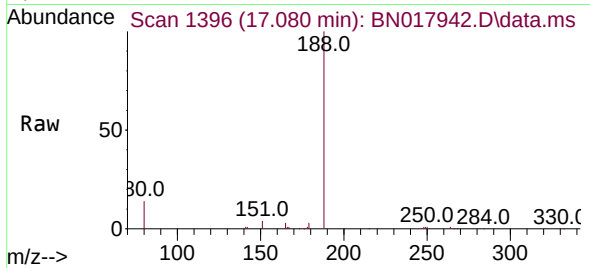
Tgt Ion:172 Resp: 81235
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.4 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

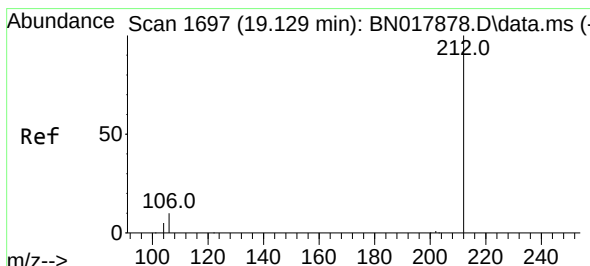
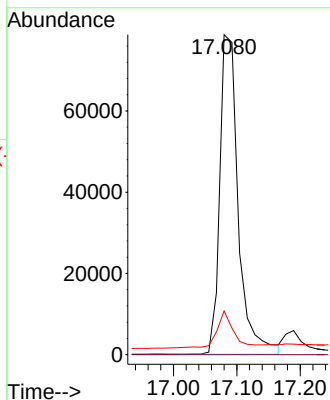
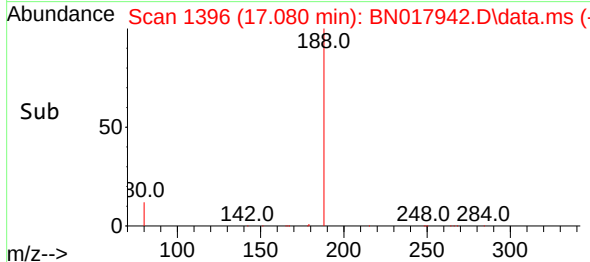
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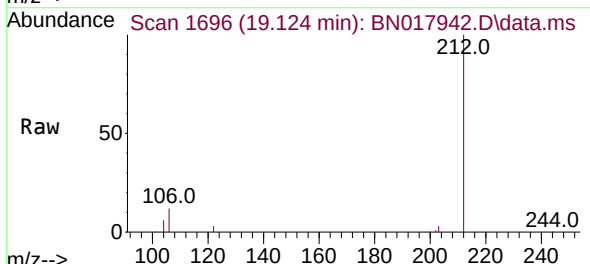
Tgt Ion:188 Resp: 15867
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 13.7 6.2 9.2

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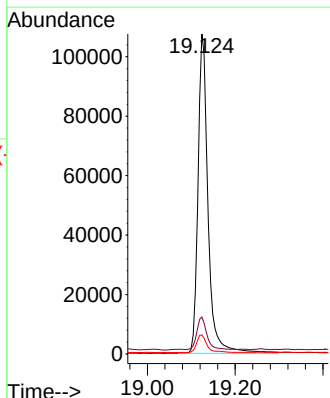
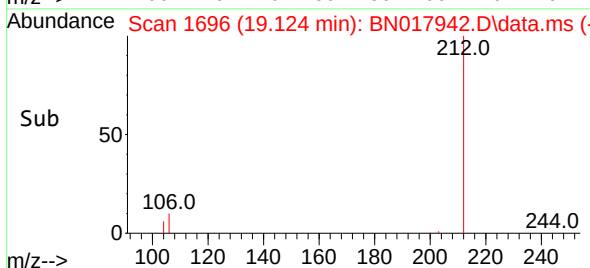
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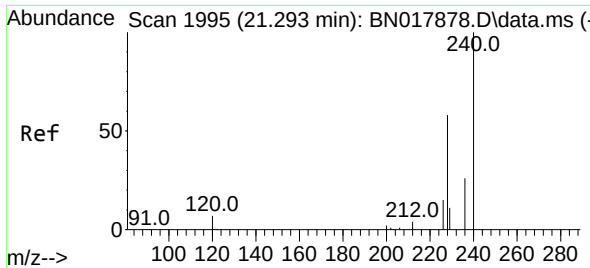


#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05



Tgt Ion:212 Resp: 169908
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.8 4.6 6.8





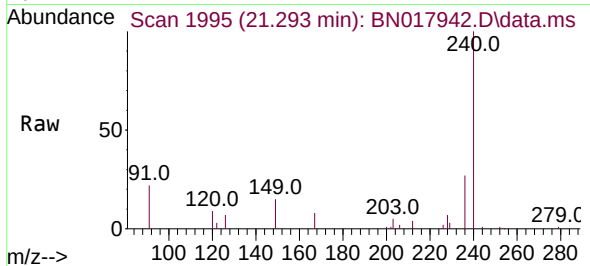
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Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

Instrument :

BNA_N

ClientSampleId :

FB01-20211207

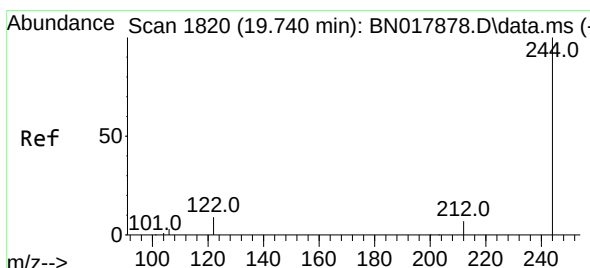
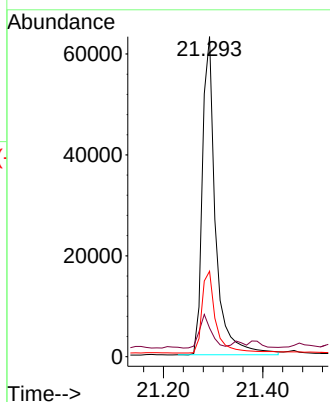
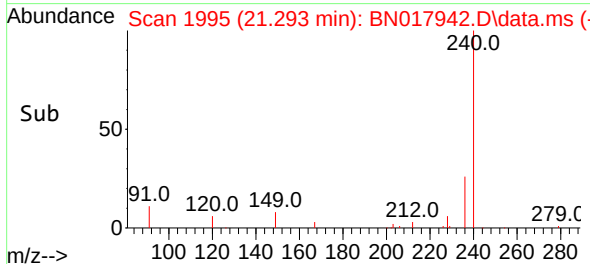


Tgt Ion:240 Resp: 116362
Ion Ratio Lower Upper
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120 8.9 5.8 8.8
236 26.7 21.0 31.6

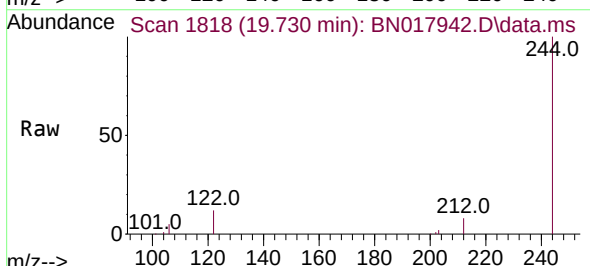
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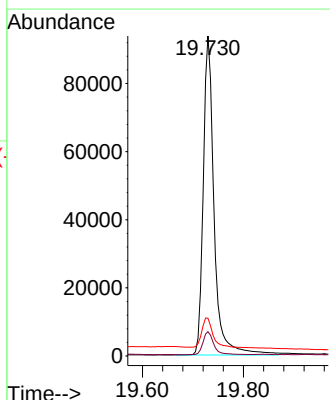
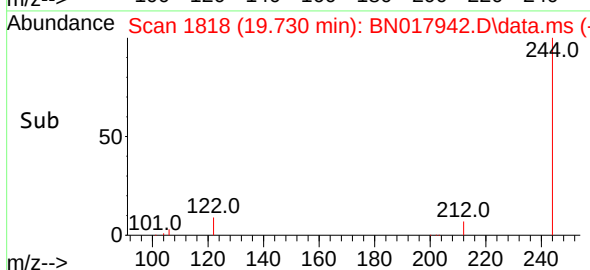
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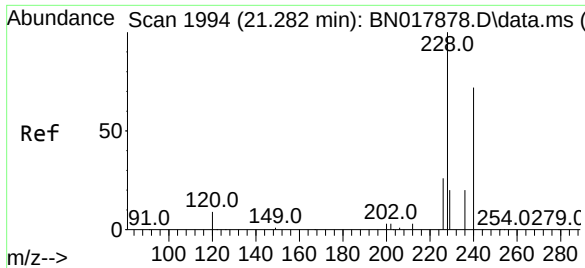


#31
Terphenyl-d14
Concen: 0.486 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05



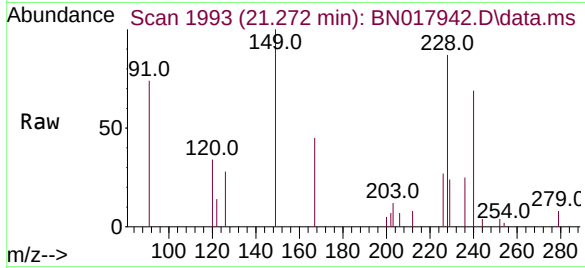
Tgt Ion:244 Resp: 139449
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 11.8 7.5 11.3





#32
Benzo(a)anthracene
Concen: 0.107 ng
RT: 21.272 min Scan# 1993
Delta R.T. -0.011 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

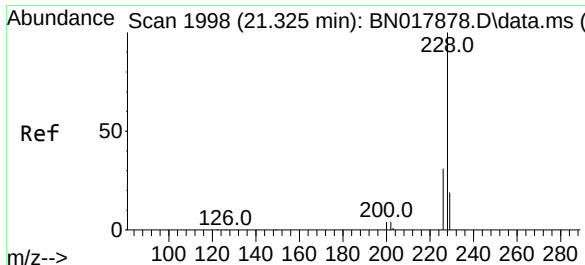
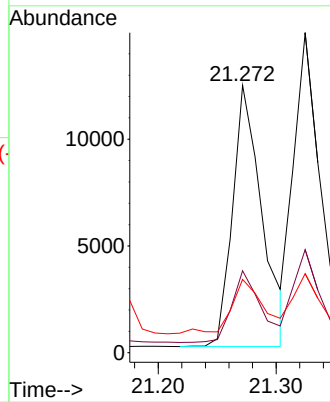
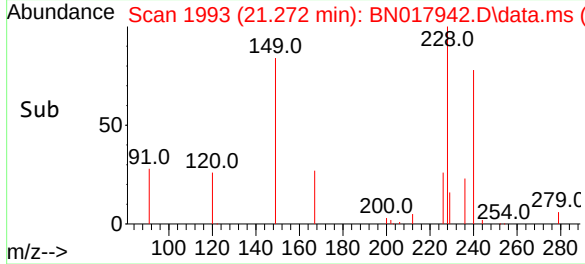
Instrument :
BNA_N
ClientSampleId :
FB01-20211207



Tgt Ion:228 Resp: 21194
Ion Ratio Lower Upper
228 100
226 30.7 21.0 31.4
229 27.4 15.8 23.8

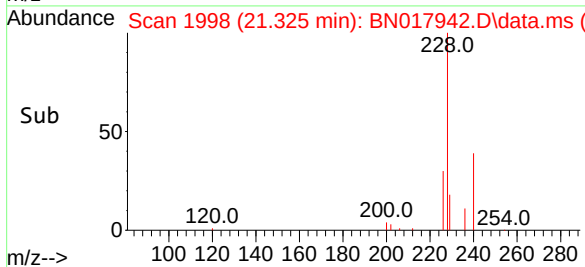
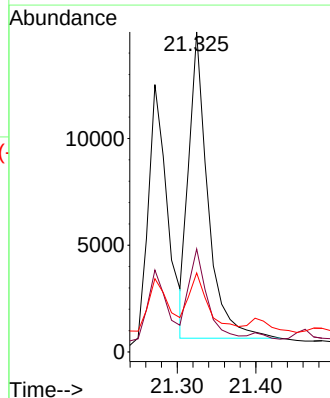
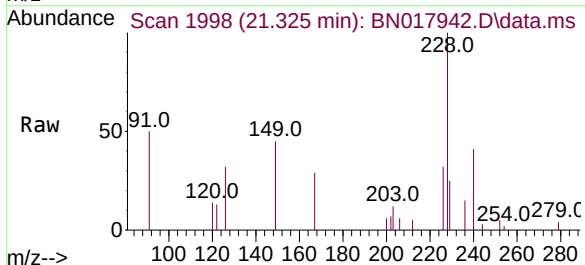
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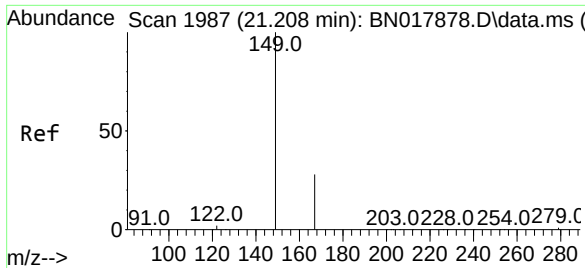
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#33
Chrysene
Concen: 0.063 ng
RT: 21.325 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

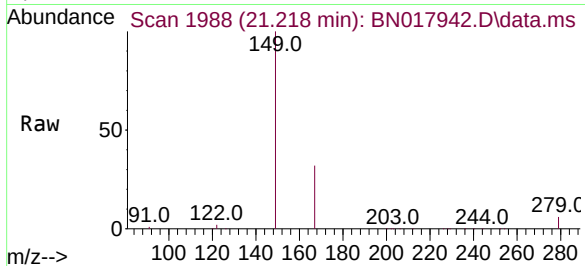
Tgt Ion:228 Resp: 24075
Ion Ratio Lower Upper
228 100
226 32.2 23.8 35.8
229 24.7 15.6 23.4





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 10.844 ng
 RT: 21.218 min Scan# 1987
 Delta R.T. 0.010 min
 Lab File: BN017942.D
 Acq: 12 Dec 2021 16:05

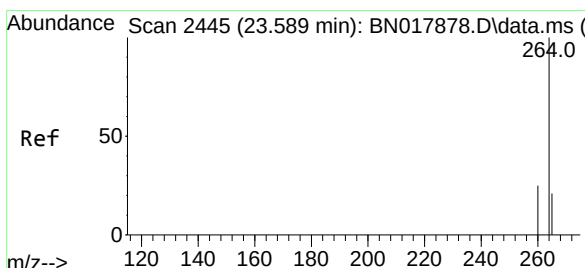
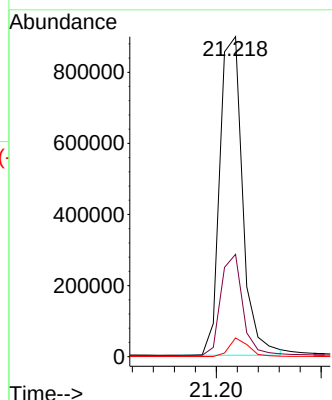
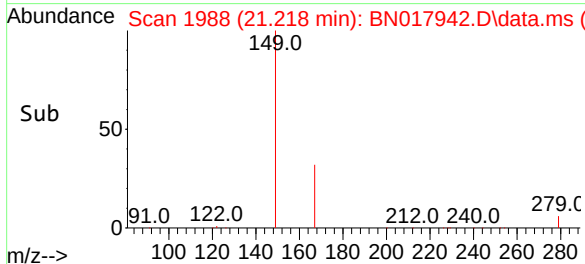
Instrument :
 BNA_N
 ClientSampleId :
 FB01-20211207



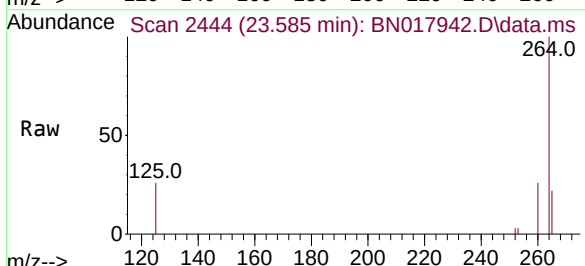
Tgt Ion:149 Resp: 1354630
 Ion Ratio Lower Upper
 149 100
 167 30.6 23.4 35.0
 279 5.0 3.6 5.4

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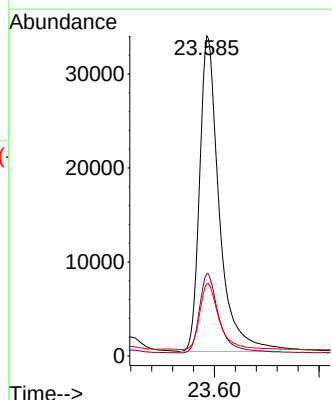
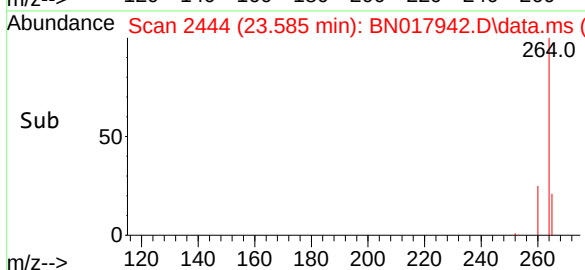
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

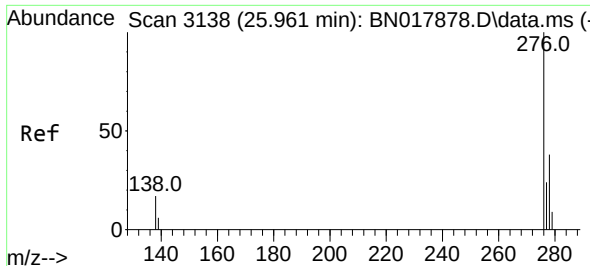


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.585 min Scan# 2444
 Delta R.T. -0.004 min
 Lab File: BN017942.D
 Acq: 12 Dec 2021 16:05



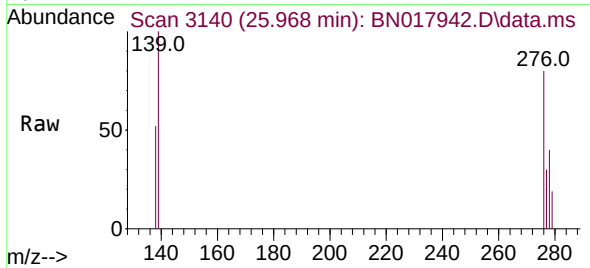
Tgt Ion:264 Resp: 87349
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.4
 265 22.5 18.2 27.4





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.127 ng
RT: 25.968 min Scan# 3138
Delta R.T. 0.007 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

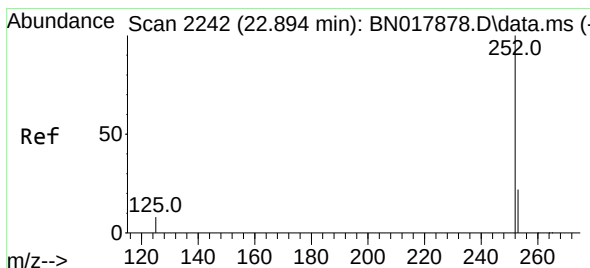
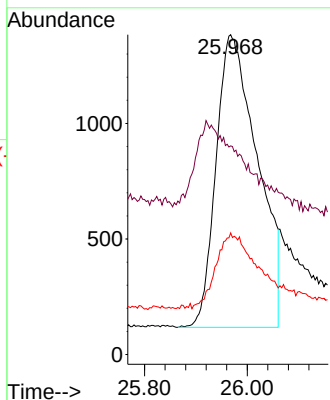
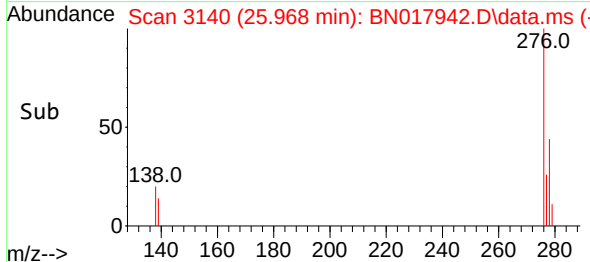
Instrument :
BNA_N
ClientSampleId :
FB01-20211207



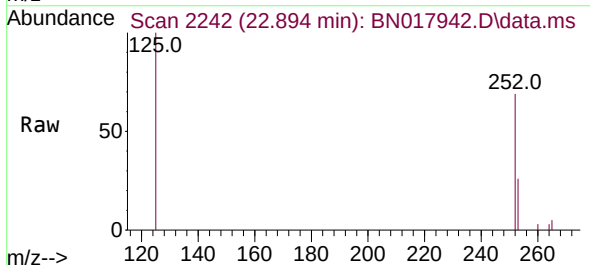
Tgt Ion: 276 Resp: 7072
Ion Ratio Lower Upper
276 100
138 0.0 15.2 22.8#
277 25.5 19.8 29.6#

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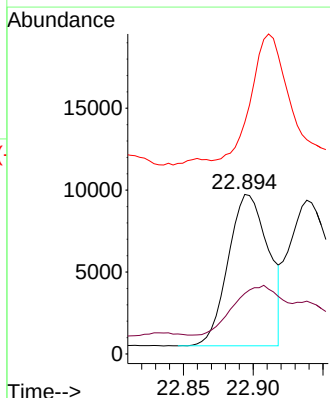
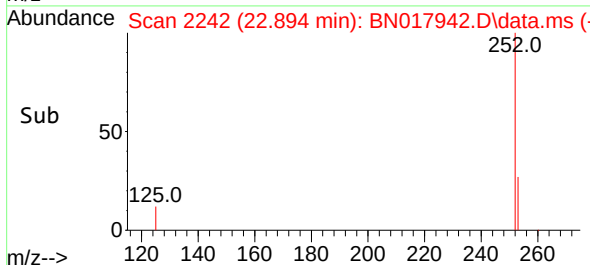
Reviewed By : Christian Giraldo 12/13/2021
Supervised By : Jagrut Upadhyay 12/13/2021

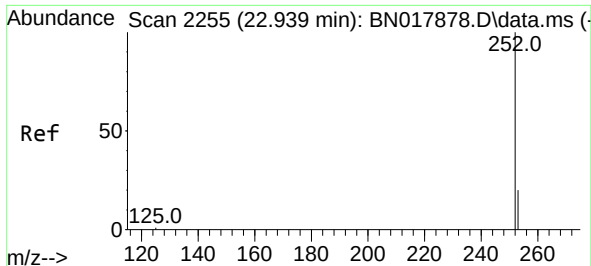


#37
Benzo(b)fluoranthene
Concen: 0.065 ng
RT: 22.894 min Scan# 2242
Delta R.T. -0.000 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05



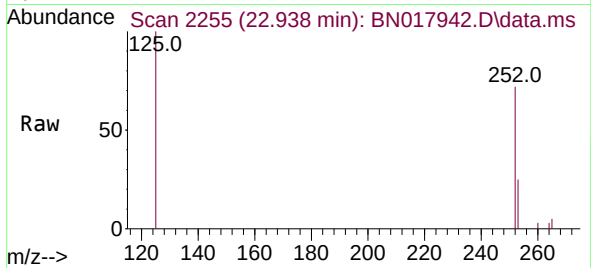
Tgt Ion: 252 Resp: 18674
Ion Ratio Lower Upper
252 100
253 37.9 17.9 26.9#
125 145.1 6.8 10.2#





#38
Benzo(k)fluoranthene
Concen: 0.057 ng m
RT: 22.938 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

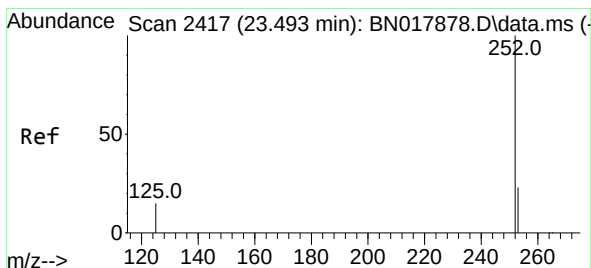
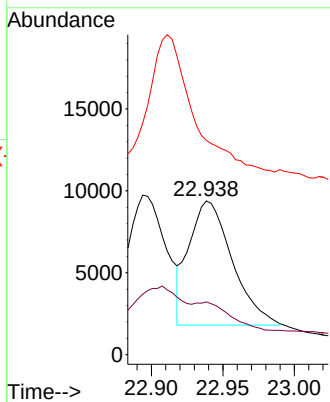
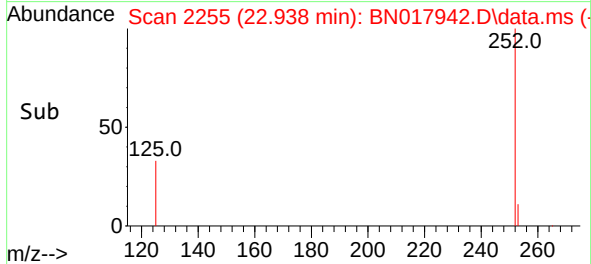
Instrument :
BNA_N
ClientSampleId :
FB01-20211207



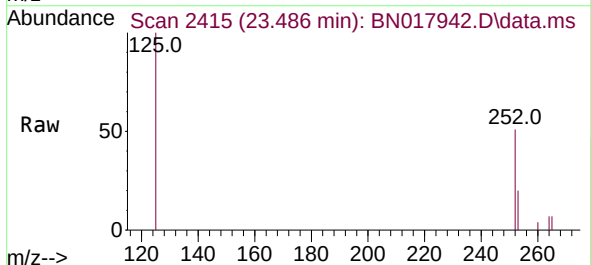
Tgt Ion:252 Resp: 1594
Ion Ratio Lower Upper
252 100
253 34.3 17.8 26.6
125 139.4 6.1 9.1

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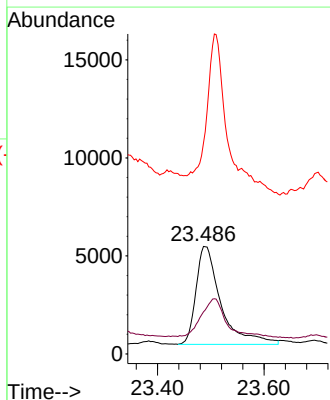
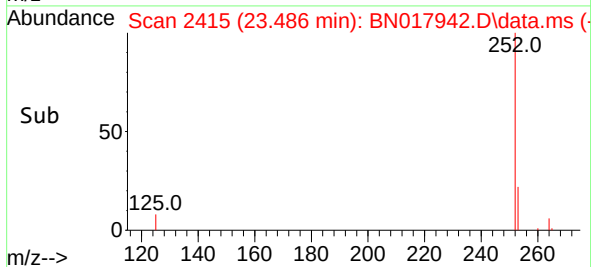
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

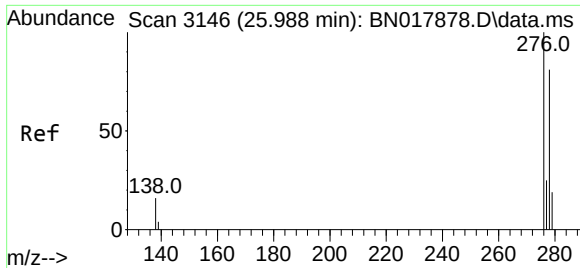


#39
Benzo(a)pyrene
Concen: 0.063 ng
RT: 23.486 min Scan# 2415
Delta R.T. -0.007 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05



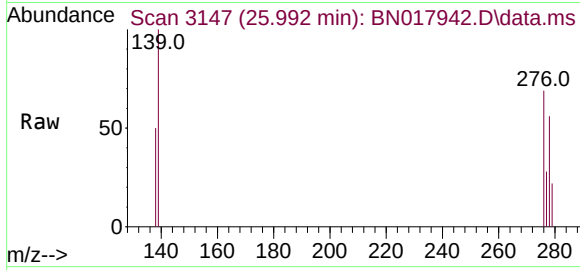
Tgt Ion:252 Resp: 16271
Ion Ratio Lower Upper
252 100
253 39.1 18.8 28.2#
125 196.1 12.2 18.2#





#40
Dibenzo(a,h)anthracene
Concen: 0.143 ng m
RT: 25.992 min Scan# 3146
Delta R.T. 0.004 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05

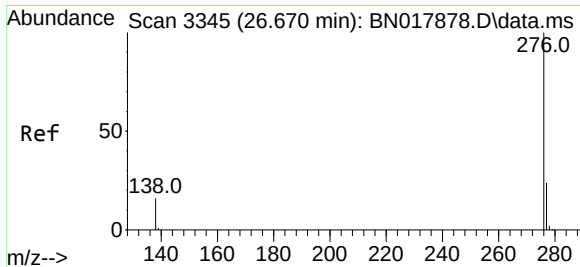
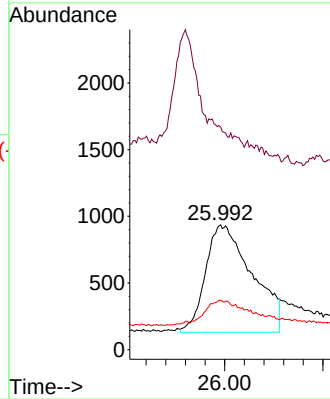
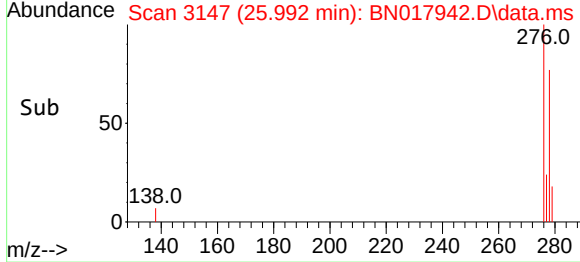
Instrument :
BNA_N
ClientSampleId :
FB01-20211207



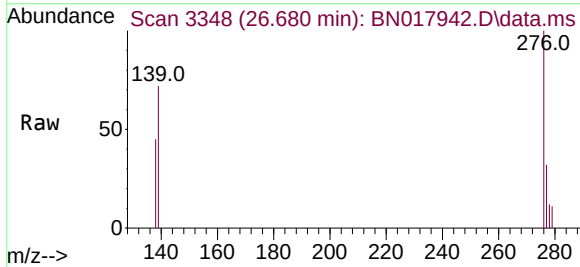
Tgt Ion:278 Resp: 530
Ion Ratio Lower Upper
278 100
139 178.1 12.0 18.0#
279 39.4 20.8 31.2#

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Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#41
Benzo(g,h,i)perylene
Concen: 0.060 ng
RT: 26.680 min Scan# 3348
Delta R.T. 0.010 min
Lab File: BN017942.D
Acq: 12 Dec 2021 16:05



Tgt Ion:276 Resp: 8316
Ion Ratio Lower Upper
276 100
277 32.2 19.6 29.4#
138 44.7 13.8 20.8#

