

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017822.D
 Acq On : 09 Dec 2021 06:23
 Operator : CG/JU
 Sample : M4922-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20211129

Quant Time: Dec 10 01:51:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20200	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	88673	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	61035	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	123178	0.400	ng	0.00
29) Chrysene-d12	21.293	240	107734	0.400	ng	# 0.01
35) Perylene-d12	23.585	264	85037	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	3725	0.076	ng	0.00
5) Phenol-d6	6.903	99	2347	0.051	ng	0.00
8) Nitrobenzene-d5	8.859	82	15142	0.257	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	40775	0.231	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4823	0.151	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	65216	0.292	ng	0.00
27) Fluoranthene-d10	19.129	212	130779	0.318	ng	0.00
31) Terphenyl-d14	19.730	244	109518	0.473	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	36728m	4.939	ng	
6) bis(2-Chloroethyl)ether	7.143	93	2118	0.041	ng	88
9) Naphthalene	10.544	128	4994	0.022	ng	# 93
12) 2-Methylnaphthalene	12.161	142	10987	0.066	ng	99
25) Phenanthrene	17.129	178	20531	0.063	ng	97
28) Fluoranthene	19.159	202	16147	0.041	ng	# 91
30) Pyrene	19.521	202	9058	0.027	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.218	149	38624	0.257	ng	99

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

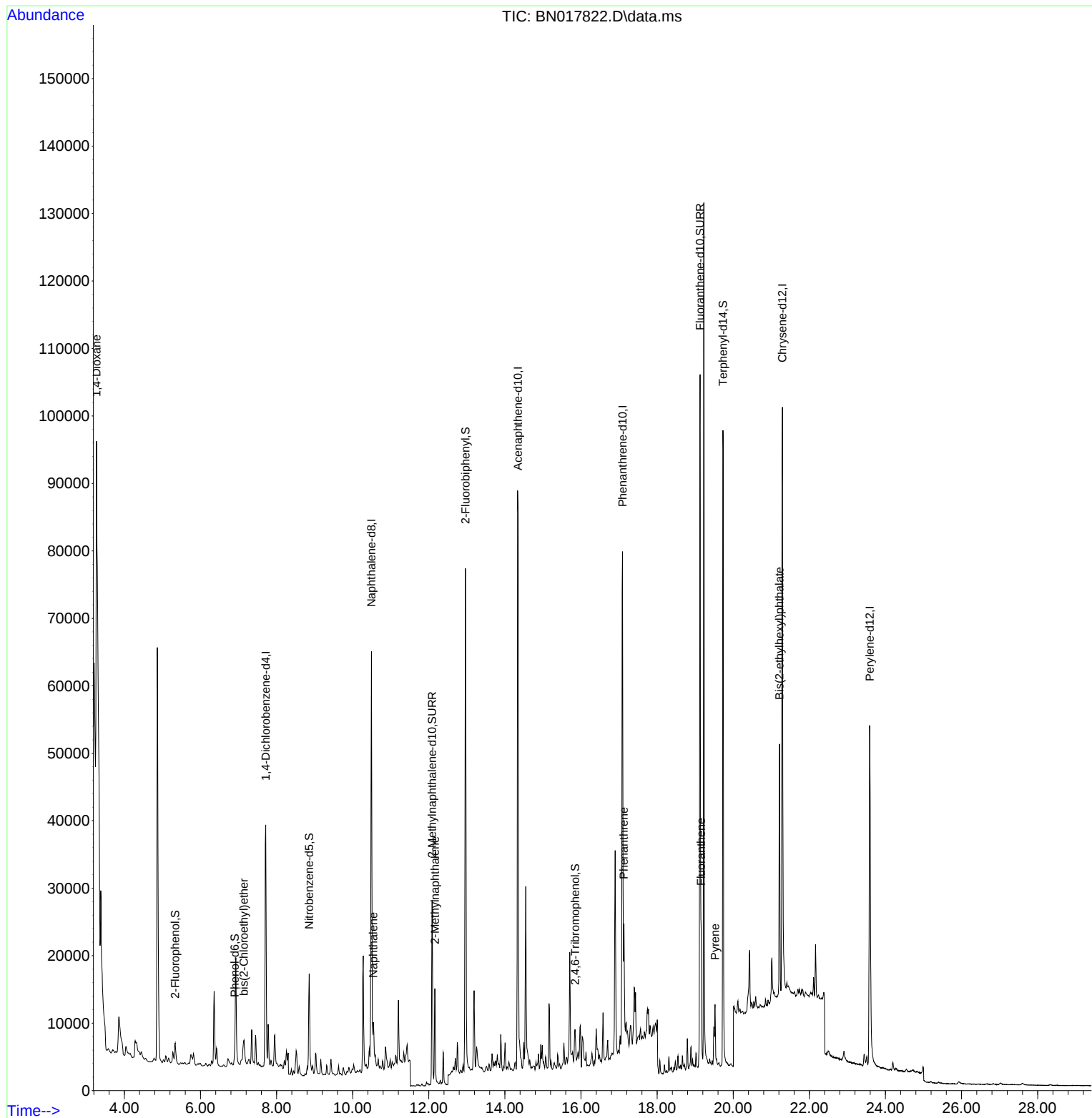
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Data File : BN017822.D
Acq On : 09 Dec 2021 06:23
Operator : CG/JU
Sample : M4922-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

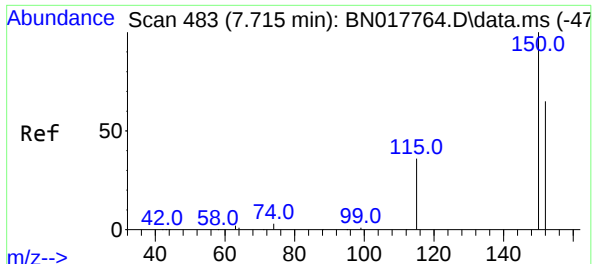
Instrument :
BNA_N
ClientSampleId :
RE132D5-20211129

Quant Time: Dec 10 01:51:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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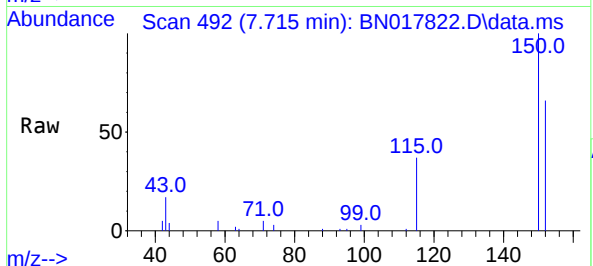
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

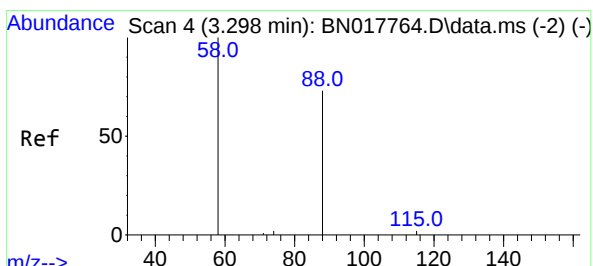
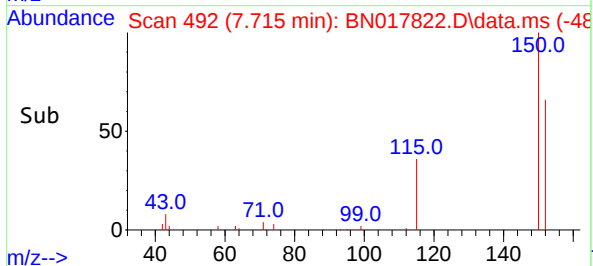
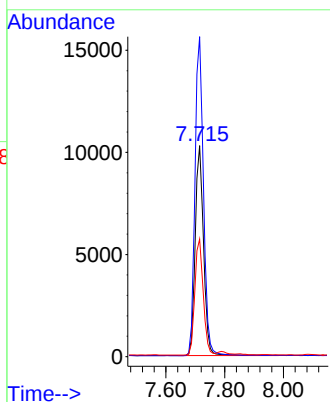
Instrument :
BNA_N
ClientSampleId :
RE132D5-20211129



Tgt Ion:152 Resp: 20200
Ion Ratio Lower Upper
152 100
150 151.7 123.0 184.4
115 55.8 45.3 67.9

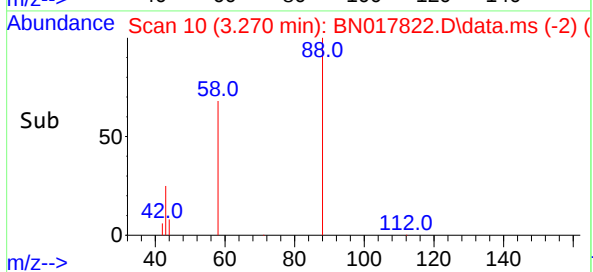
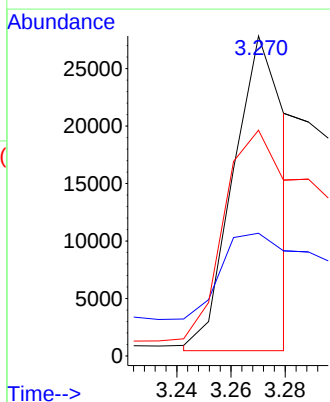
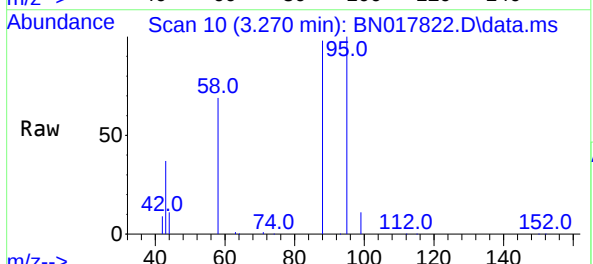
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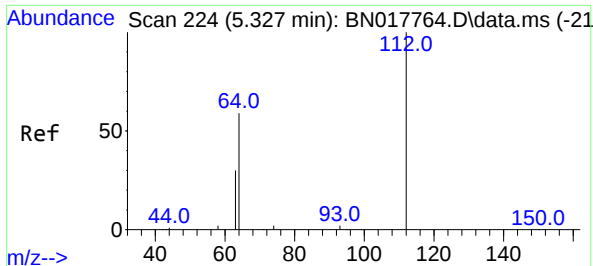
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Supervised By :mohammad ahmed 12/15/2021



#2
1,4-Dioxane
Concen: 4.939 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

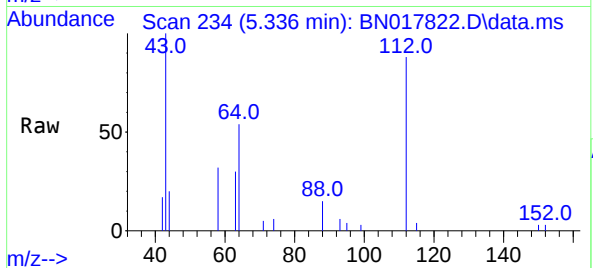
Tgt Ion: 88 Resp: 36728
Ion Ratio Lower Upper
88 100
43 65.0 0.0 0.0#
58 155.6 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.076 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

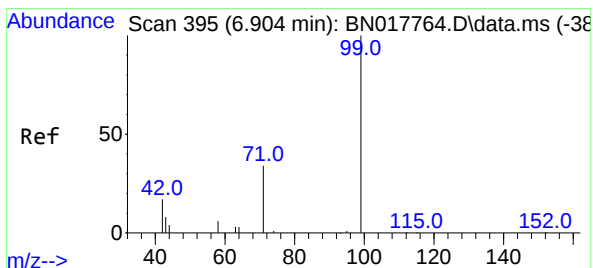
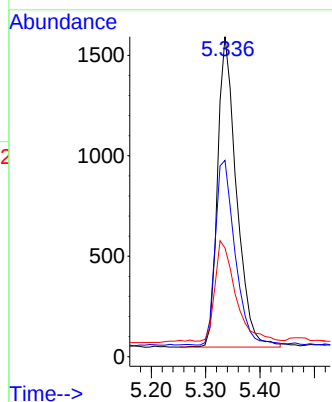
Instrument :
BNA_N
ClientSampleId :
RE132D5-20211129



Tgt Ion: 112 Resp: 3729
Ion Ratio Lower Upper
112 100
64 62.3 49.3 73.9
63 34.8 25.8 38.8

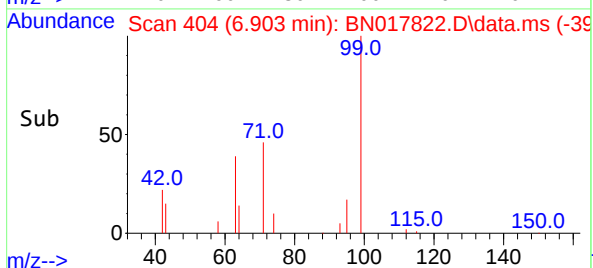
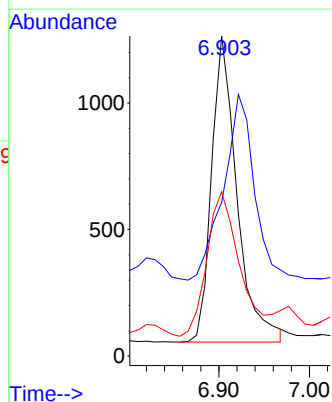
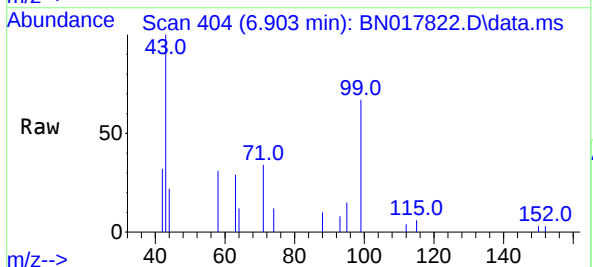
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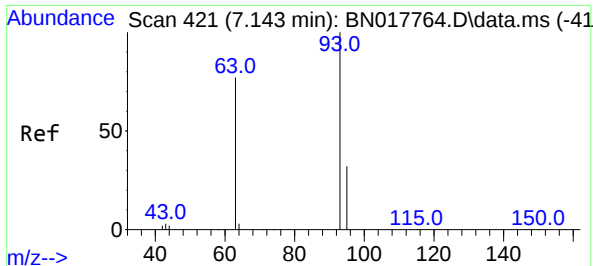
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Supervised By :mohammad ahmed 12/15/2021



#5
Phenol-d6
Concen: 0.051 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

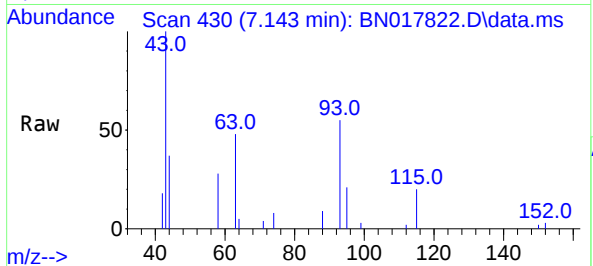
Tgt Ion: 99 Resp: 2347
Ion Ratio Lower Upper
99 100
42 73.4 16.6 25.0#
71 60.1 29.0 43.4#





#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 7.143 min Scan# 411
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

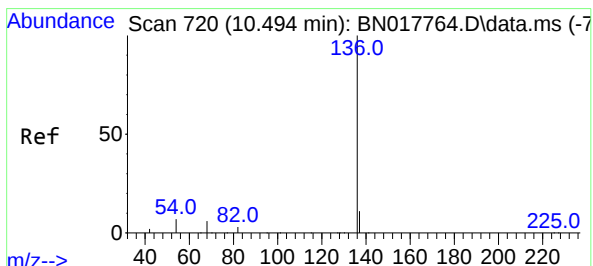
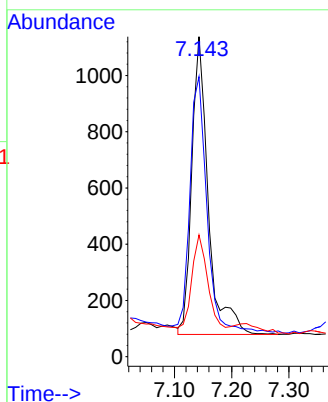
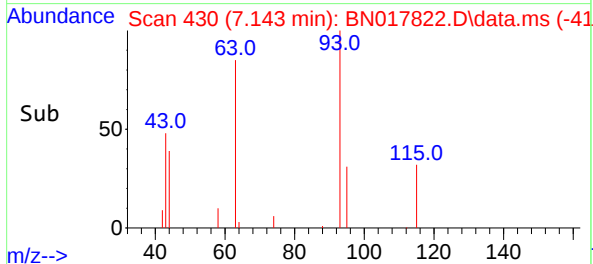
Instrument :
BNA_N
ClientSampleId :
RE132D5-20211129



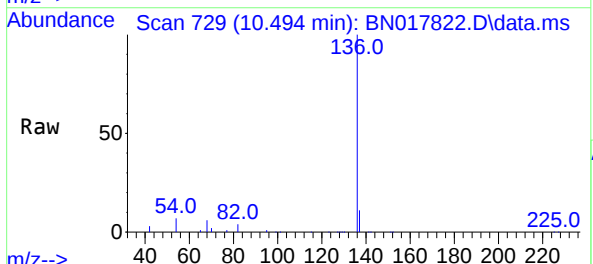
Tgt Ion: 93 Resp: 2118
Ion Ratio Lower Upper
93 100
63 90.1 62.0 93.0
95 29.3 26.4 39.6

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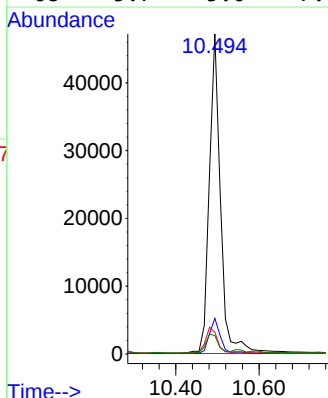
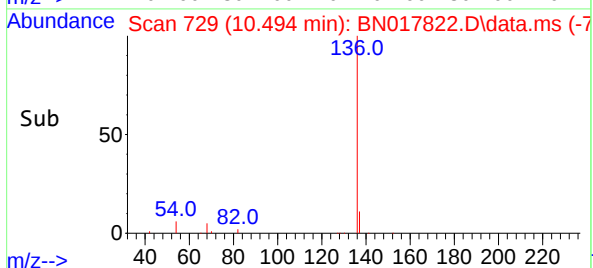
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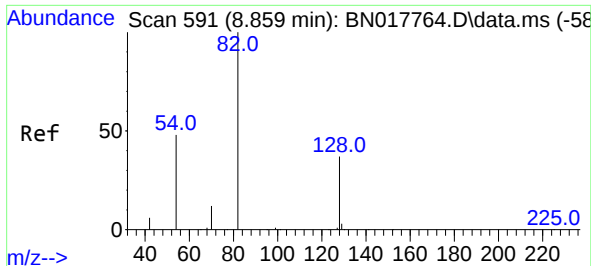


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23



Tgt Ion:136 Resp: 88673
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.8 5.9 8.9
68 5.7 5.0 7.6





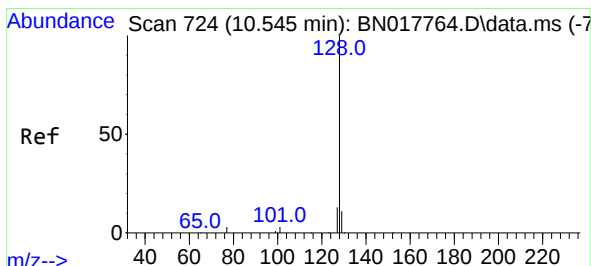
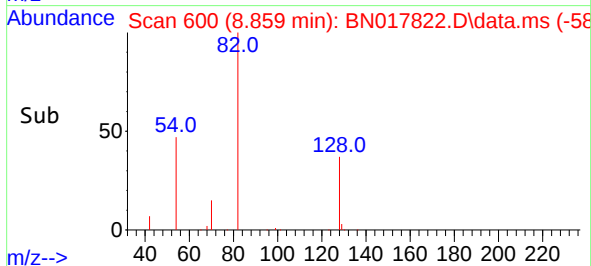
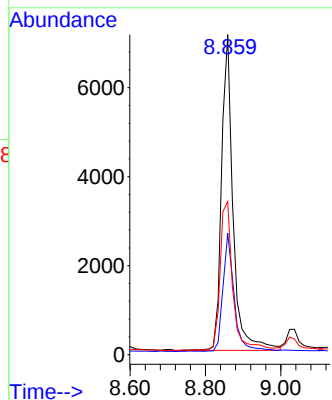
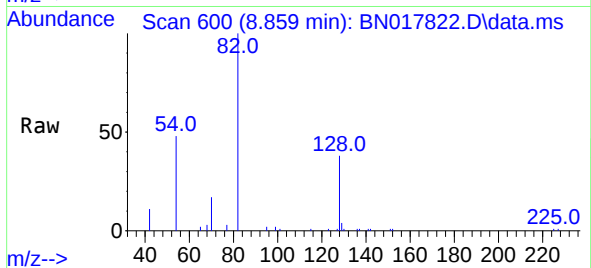
#8
Nitrobenzene-d5
Concen: 0.257 ng
RT: 8.859 min Scan# 60
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

Instrument :
BNA_N
ClientSampleId :
RE132D5-20211129

Tgt Ion: 82 Resp: 1514
Ion Ratio Lower Upper
82 100
128 38.0 30.2 45.2
54 47.9 39.0 58.6

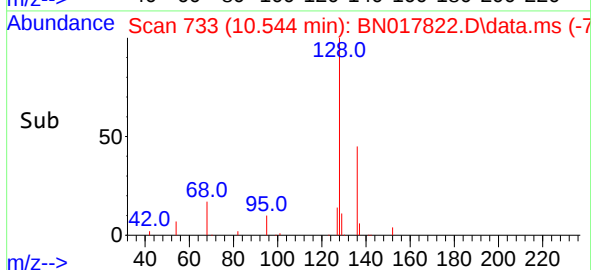
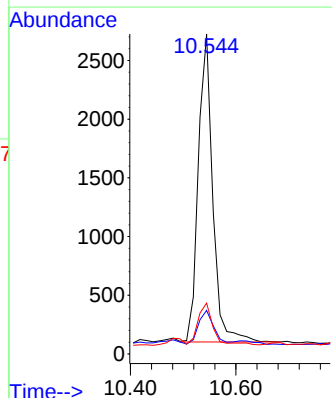
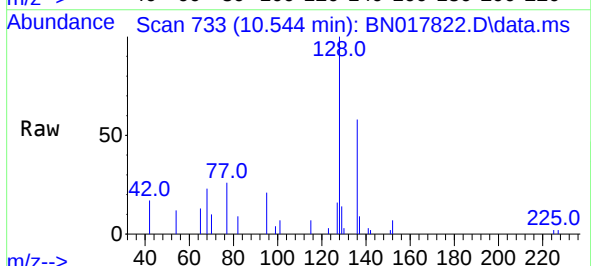
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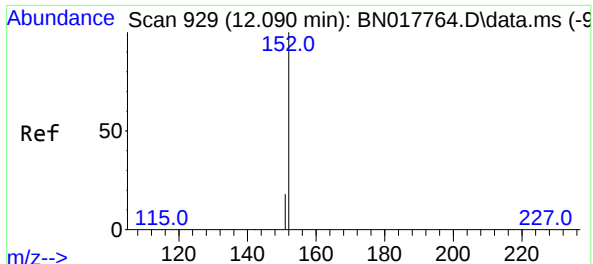
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Supervised By :mohammad ahmed 12/15/2021



#9
Naphthalene
Concen: 0.022 ng
RT: 10.544 min Scan# 733
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

Tgt Ion:128 Resp: 4994
Ion Ratio Lower Upper
128 100
129 13.6 8.8 13.2#
127 15.9 10.6 15.8#





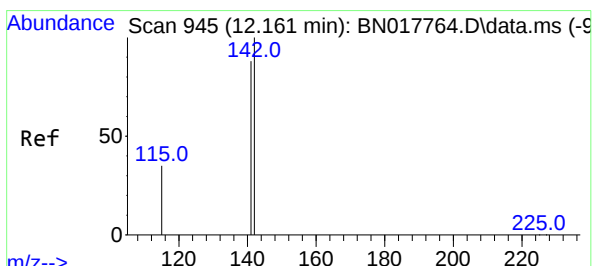
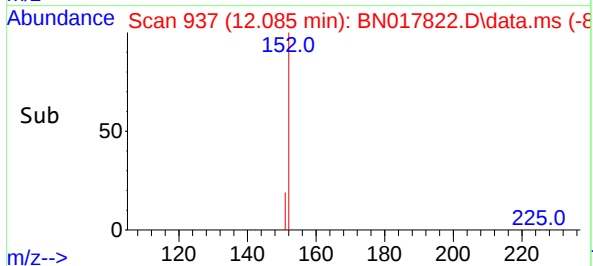
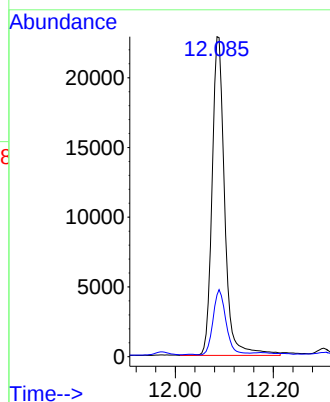
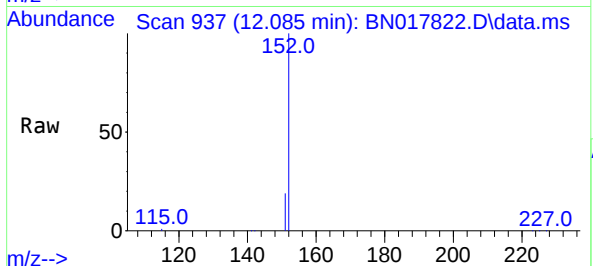
#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.085 min Scan# 911
Delta R.T. -0.005 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

Instrument :
BNA_N
ClientSampleId :
RE132D5-20211129

Tgt Ion:152 Resp: 40775
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6

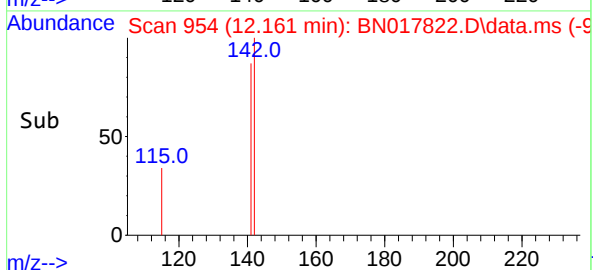
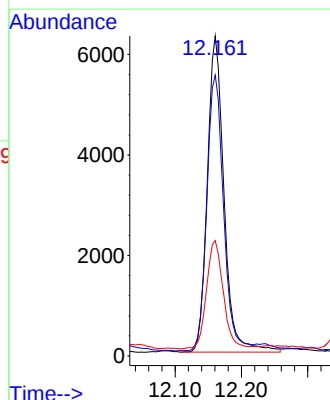
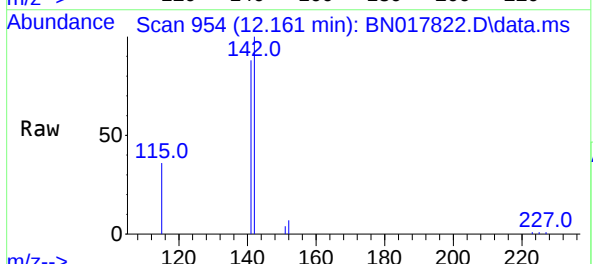
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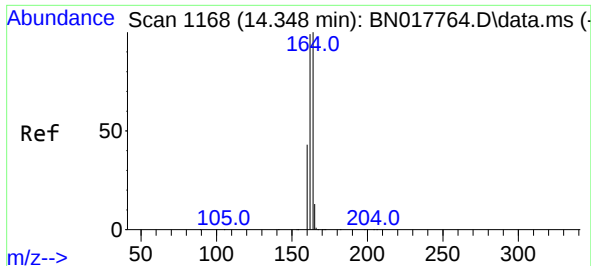
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Supervised By :mohammad ahmed 12/15/2021



#12
2-Methylnaphthalene
Concen: 0.066 ng
RT: 12.161 min Scan# 954
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

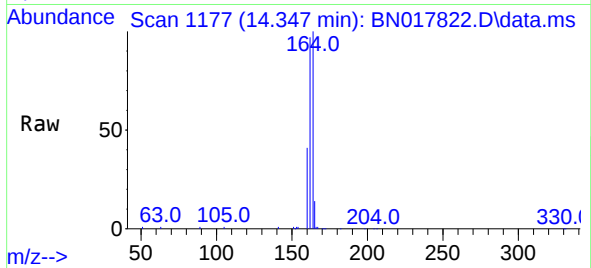
Tgt Ion:142 Resp: 10987
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7
115 36.1 28.0 42.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

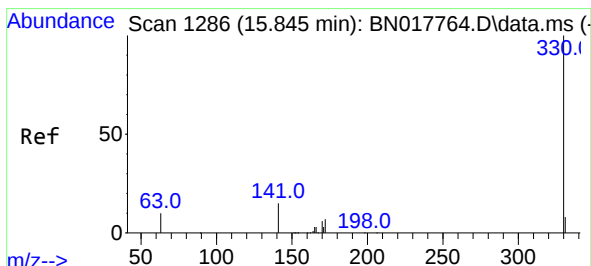
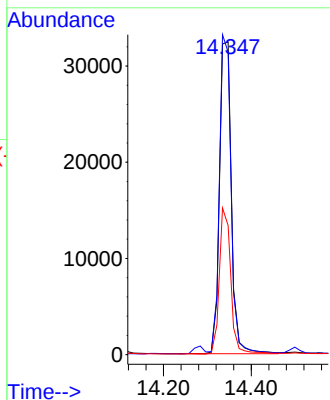
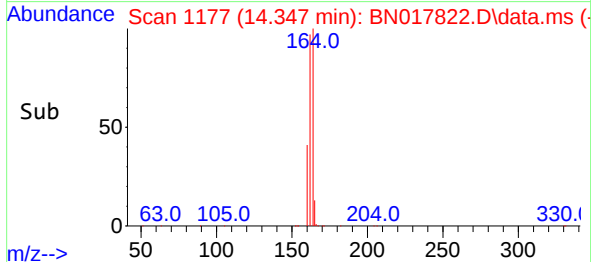
Instrument :
BNA_N
ClientSampleId :
RE132D5-20211129



Tgt Ion:164 Resp: 61035
Ion Ratio Lower Upper
164 100
162 96.8 79.0 118.6
160 41.3 34.6 52.0

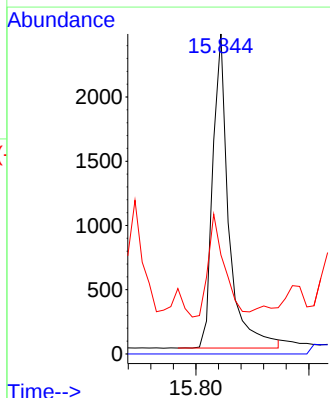
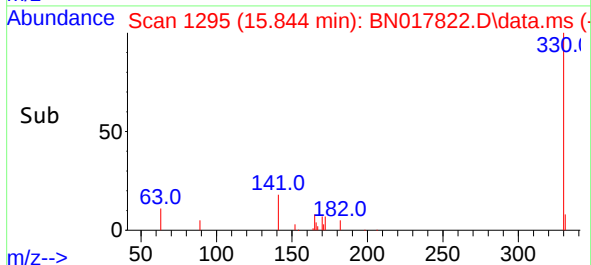
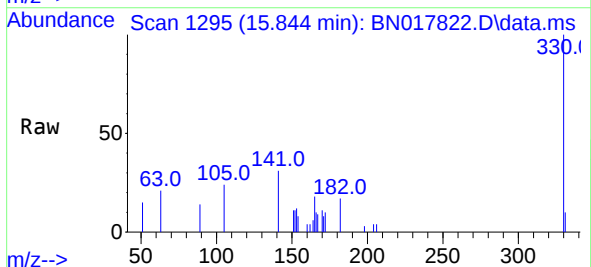
Manual Integrations
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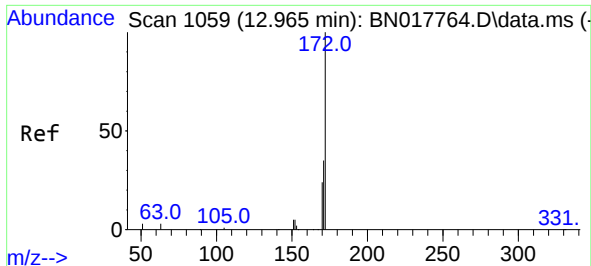
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#14
2,4,6-Tribromophenol
Concen: 0.151 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

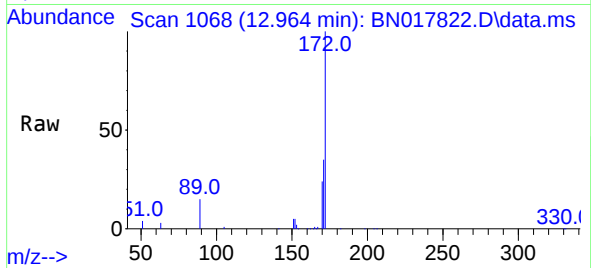
Tgt Ion:330 Resp: 4823
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.7 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

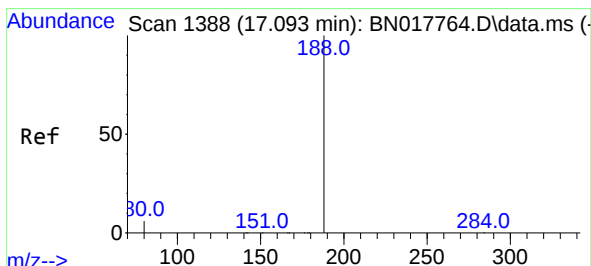
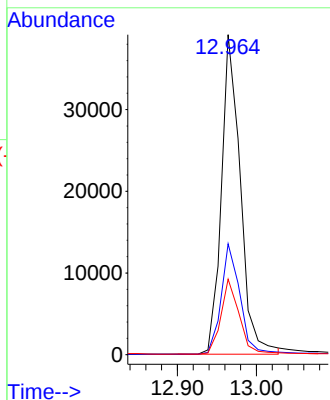
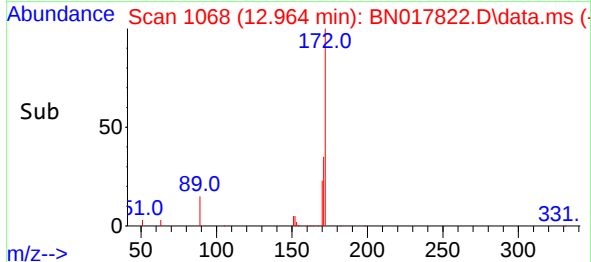
Instrument :
BNA_N
ClientSampleId :
RE132D5-20211129



Tgt Ion:172 Resp: 65210
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.6 18.9 28.3

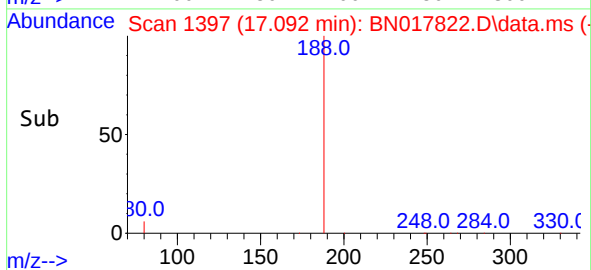
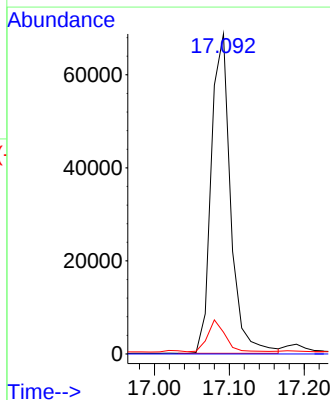
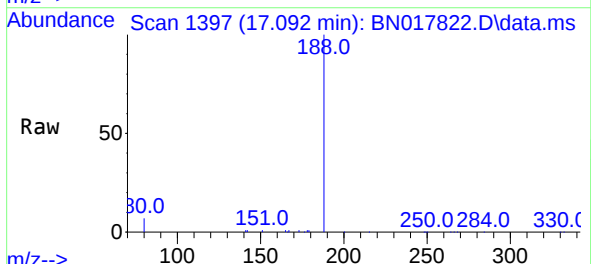
Manual Integrations
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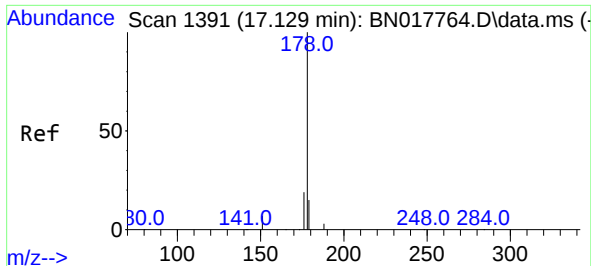
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

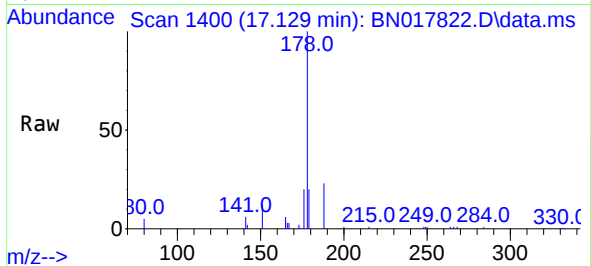
Tgt Ion:188 Resp: 123178
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 5.1 7.7





#25
Phenanthrene
Concen: 0.063 ng
RT: 17.129 min Scan# 14
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

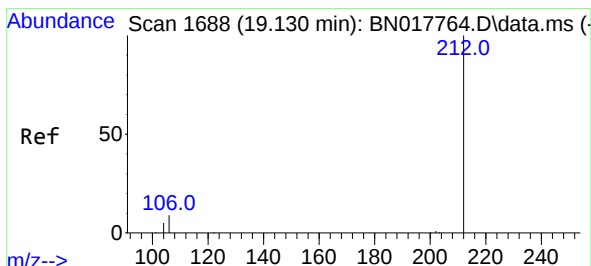
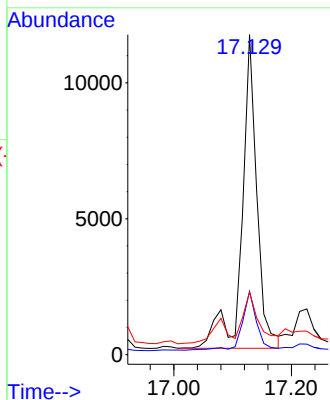
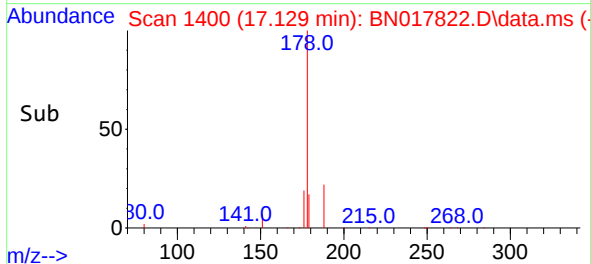
Instrument :
BNA_N
ClientSampleId :
RE132D5-20211129



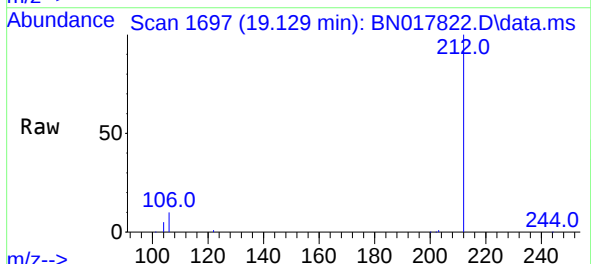
Tgt Ion:178 Resp: 2053
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.6
179 14.2 12.5 18.7

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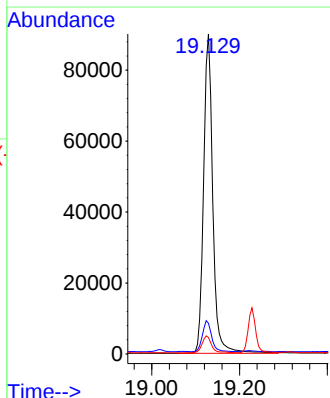
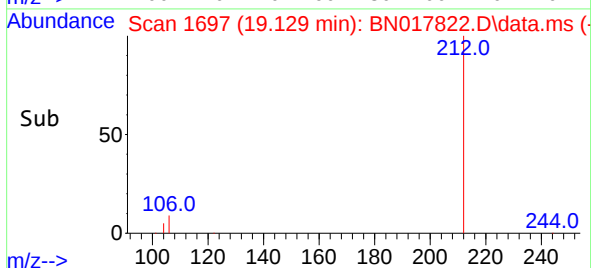
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021

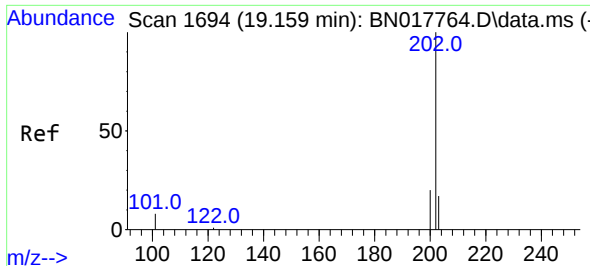


#27
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23



Tgt Ion:212 Resp: 130779
Ion Ratio Lower Upper
212 100
106 9.5 8.2 12.2
104 5.7 4.6 6.8





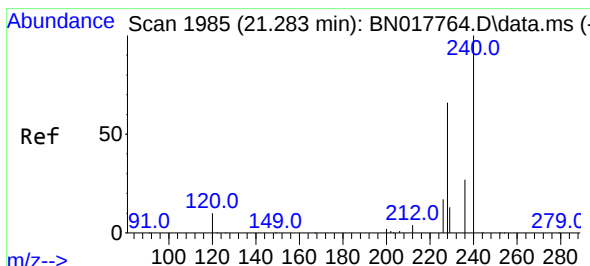
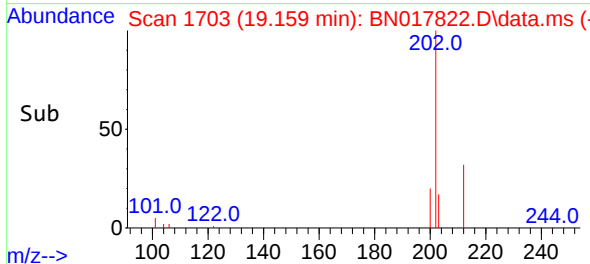
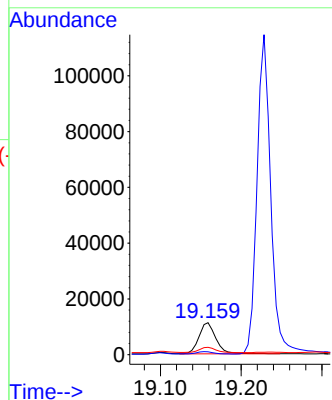
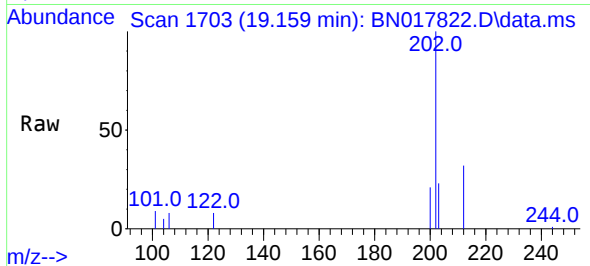
#28
Fluoranthene
Concen: 0.041 ng
RT: 19.159 min Scan# 1694
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

Instrument :
BNA_N
ClientSampleId :
RE132D5-20211129

Tgt Ion:202 Resp: 1614
Ion Ratio Lower Upper
202 100
101 0.0 7.2 10.8
203 17.1 13.7 20.5

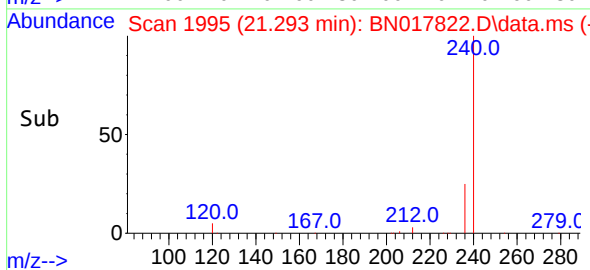
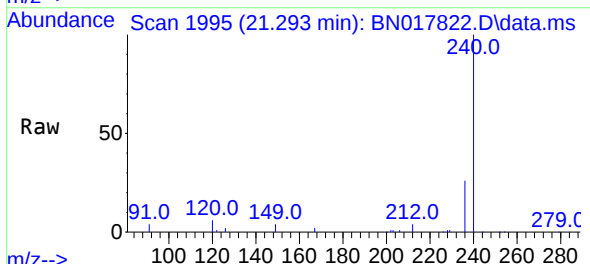
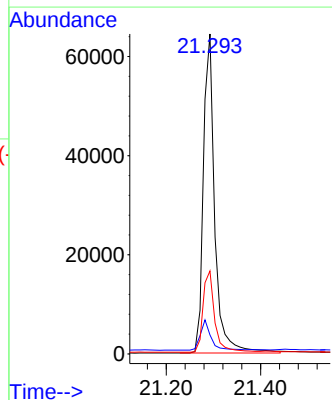
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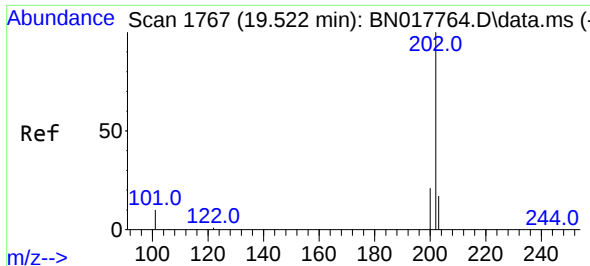
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

Tgt Ion:240 Resp: 107734
Ion Ratio Lower Upper
240 100
120 5.9 7.9 11.9
236 26.0 21.4 32.2





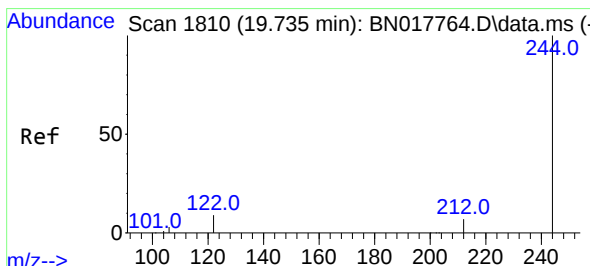
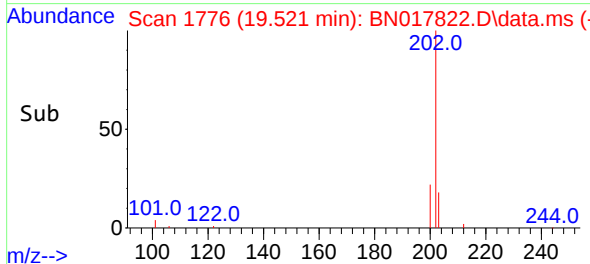
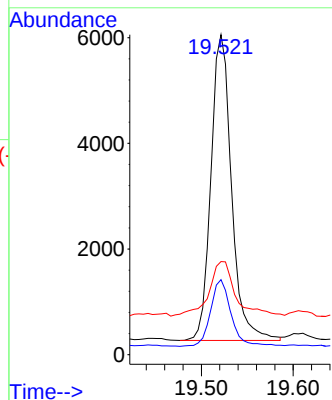
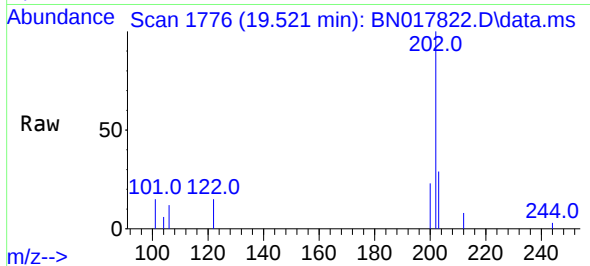
#30
Pyrene
Concen: 0.027 ng
RT: 19.521 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

Instrument :
BNA_N
ClientSampleId :
RE132D5-20211129

Tgt Ion:202 Resp: 905
Ion Ratio Lower Upper
202 100
200 21.8 16.5 24.7
203 23.0 14.0 21.0

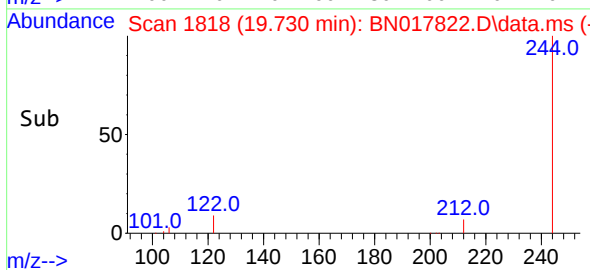
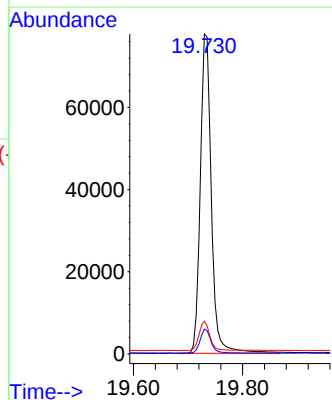
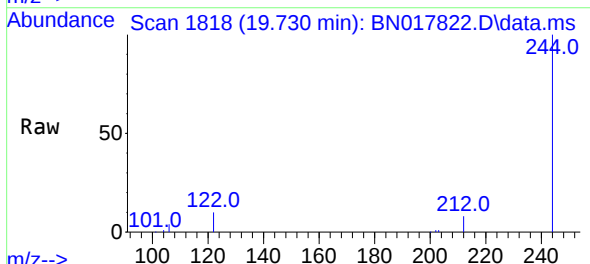
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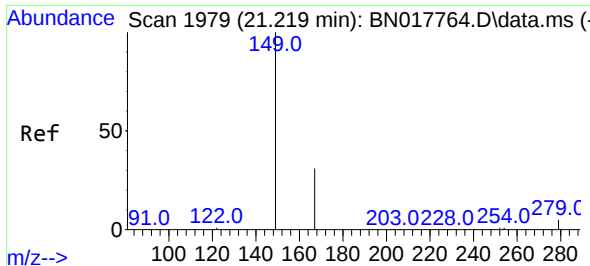
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#31
Terphenyl-d14
Concen: 0.473 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

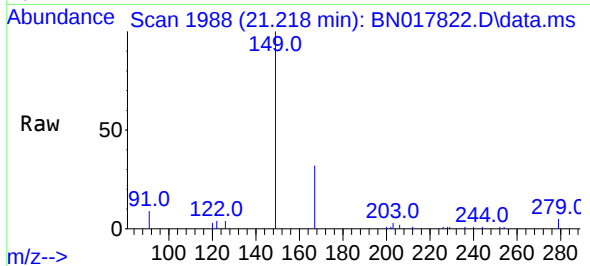
Tgt Ion:244 Resp: 109518
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 10.2 7.1 10.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.257 ng
RT: 21.218 min Scan# 1979
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

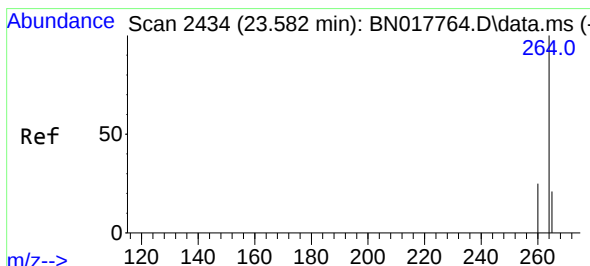
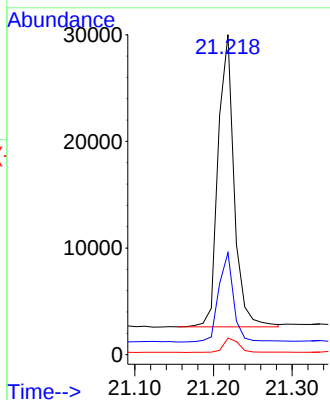
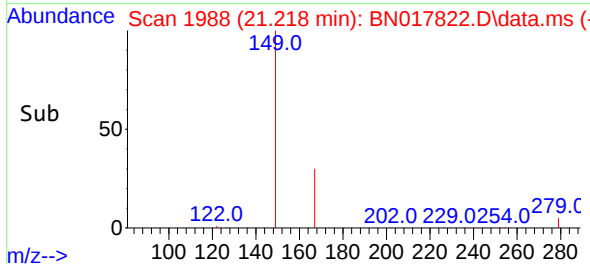
Instrument :
BNA_N
ClientSampleId :
RE132D5-20211129



Tgt Ion:149 Resp: 38624
Ion Ratio Lower Upper
149 100
167 28.8 23.5 35.3
279 4.9 3.8 5.6

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Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.585 min Scan# 2444
Delta R.T. 0.003 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

Tgt Ion:264 Resp: 85037
Ion Ratio Lower Upper
264 100
260 25.1 20.0 30.0
265 23.9 20.5 30.7

